

From: Read, Sonya (INFC)

Sent: February 7, 2017 12:38 PM

To: Desruisseaux, Alain (INFC) <alain.desruisseaux@canada.ca>; Moore, Jeff (INFC) <jeff.moore@canada.ca>

Cc: Nelson, Chad (INFC) <chad.nelson@canada.ca>; Levesque5, Francois (INFC) <francois.levesque5@canada.ca>; Laing, Johanna (INFC) <johanna.laing@canada.ca>; Frison, Monique (INFC) <monique.frison@canada.ca>

Subject: FW: MINO request re: [REDACTED]

Jeff, we understand that there was some discussion with MinO regarding [REDACTED]. Before we finalize this decision (and broach the topic with Public Safety) we wanted to raise a few additional considerations, per below. Thanks to Francois for pulling the background information together. Let me know if you'd like to discuss.

Thanks, Sonya

Director, Environmental Initiatives, Policy and Communications
Infrastructure Canada / Government of Canada
sonya.read@canada.ca / Tel: 613-948-9160 / Cel: [REDACTED]

Directrice, Initiatives environnementales, Politiques et communications
Infrastructure Canada / Gouvernement du Canada
sonya.read@canada.ca / Tél. : 613-948-9160 / Tél. cell. [REDACTED]

Considerations:

While earthquakes traditionally aren't considered an impact of climate change, there is some credible research that demonstrates that particular extreme weather events associated with climate change, such as hurricanes/typhoons or torrential rains can potentially trigger earthquakes. This association appears to be particularly correlated to vertical thrust faults, one of which exists in B.C.

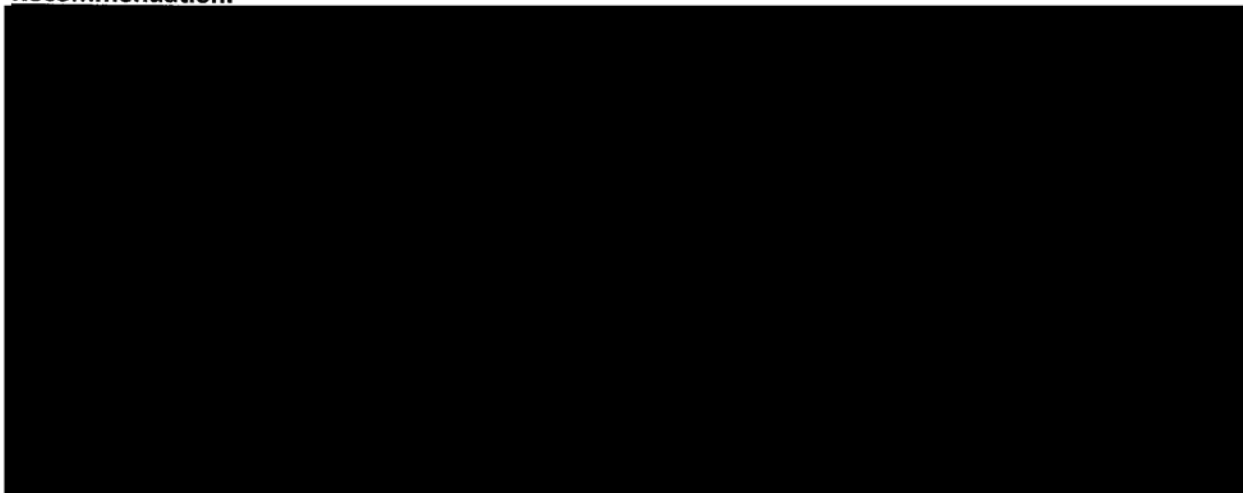
In addition, seismic events are one of the top natural hazards in Canada in terms of potential impacts. We know that there are a number of fault lines which impact British Columbia and that the Québec City-Montréal-Ottawa corridor, and parts of the three territories are also prone to earthquakes. According to Public Safety Canada, there are approximately 5,000 (mostly small) earthquakes in Canada every year, the vast majority of which are considered minor. In the past 100 years, at least nine earthquakes in Canada or off the Canadian coastline have registered a magnitude greater than 6.5. A few of these have caused extensive damage (including from resulting tsunami activity), but have mostly occurred in remote and uninhabited areas.

With respect to BC in particular, scientists have estimated there is a 30 per cent probability that a damaging earthquake will hit southwest B.C. in the next 50 years. 2015 modelling of a "worst case scenario" 7.3 magnitude earthquake hitting Vancouver, predicted about 30 per cent of Metro Vancouver buildings damaged— 18 per cent suffering extensive damage and 12 per cent being catastrophically damaged. The death toll was estimated at nearly 10,000, with more than 128,000 injuries. However, even a smaller magnitude 6 earthquake could result in extensive damage and loss of life in a built-up area. For example, the 6.3 magnitude 2011 earthquake near Christchurch, New Zealand resulted in the loss of over 180 lives, and 10,000 residences rendered uninhabitable, in addition to public infrastructure damage. This was primarily as the result of soil liquefaction. Notably, soil conditions conducive to liquefaction exist in the lower mainland and under large areas of Metro Vancouver due to the Fraser delta.

A 2016 Conference Board of Canada report indicated that a magnitude 9.0 earthquake off the coast of BC could result in an estimated impact of \$127.5 billion in direct losses, including over \$5.5 billion related to public buildings and infrastructure, with severe potential long-term economic impacts for the Canadian economy. This is particularly related to the strategic nature of the transportation infrastructure in the lower mainland in terms of the export of Canada's resources, severe damage to rail, port, airport and road facilities, as well as potential impacts on the insurance and financial industries.

There are currently no federal programs that INFC is aware of, outside of eligibility under the NBCF, to build the resilience of infrastructure and communities to the impacts of earthquakes.

Recommendation:



Nelson, Chad (INFC)

From: Read, Sonya (INFC)
Sent: February 13, 2017 3:05 PM
To: Moore, Jeff (INFC); Desruisseaux, Alain (INFC)
Cc: Paterson, Tracey (INFC); Nelson, Chad (INFC)
Subject: RE: MINO request re: [REDACTED]

Thanks

Can I assume this is for all three of NCADM, the IBAs and the expanded NDMP? We will have to engage public safety on the NDMP.

From: Moore, Jeff (INFC)
Sent: February 12, 2017 6:18 PM
To: Desruisseaux, Alain (INFC) <alain.desruisseaux@canada.ca>
Cc: Read, Sonya (INFC) <sonya.read@canada.ca>; Paterson, Tracey (INFC) <tracey.paterson@canada.ca>
Subject: FW: MINO request re: [REDACTED]

fyi

From: Moore, Jeff (INFC)
Sent: February 12, 2017 5:05 PM
To: El Bied, Kenza (INFC) <kenza.elbied@canada.ca>
Subject: RE: MINO request re: [REDACTED]

Will do – thanks for checking

From: El Bied, Kenza (INFC)
Sent: February 9, 2017 9:59 AM
To: Moore, Jeff (INFC) <jeff.moore@canada.ca>
Subject: RE: MINO request re: [REDACTED]

Voici la reponde de [REDACTED] ce matin: [REDACTED]

From: Moore, Jeff (INFC)
Sent: February 8, 2017 10:41 PM
To: El Bied, Kenza (INFC) <kenza.elbied@canada.ca>
Subject: FW: MINO request re: [REDACTED]

[REDACTED]

[REDACTED]

Our policy position is that we should not exclude non climate related natural disaster events.

From: El Bied, Kenza (INFC)
Sent: February 8, 2017 6:01 PM
To: Moore, Jeff (INFC) <jeff.moore@canada.ca>
Subject: FW: MINO request re: [REDACTED]

Voir plus bas?

From: [REDACTED]
Sent: February 8, 2017 5:55 PM
To: El Bied, Kenza (INFC) <kenza.elbied@canada.ca>; [REDACTED]
Cc: [REDACTED]
Subject: RE: MINO request re: [REDACTED]

[REDACTED]

From: El Bied, Kenza (INFC)
Sent: Wednesday, February 08, 2017 5:10 PM
To: [REDACTED]
Subject: MINO request re: [REDACTED]

Hi [REDACTED]

[REDACTED] Before we finalize this decision (and broach the topic with Public Safety) we wanted to raise a few additional considerations, per below.

Happy to have a follow up conversation with Policy team if you would like.

Thanks

Kenza

Considerations:

While earthquakes traditionally aren't considered an impact of climate change, there is some credible research that demonstrates that particular extreme weather events associated with climate change, such as hurricanes/typhoons or torrential rains can potentially trigger earthquakes. This association appears to be particularly correlated to vertical thrust faults, one of which exists in B.C.

In addition, seismic events are one of the top natural hazards in Canada in terms of potential impacts. We know that there are a number of fault lines which impact British Columbia and that the Québec City-Montréal-Ottawa corridor, and parts of the three territories are also prone to earthquakes. According to Public Safety Canada, there are approximately 5,000 (mostly small) earthquakes in Canada every year, the vast majority of which are considered minor.

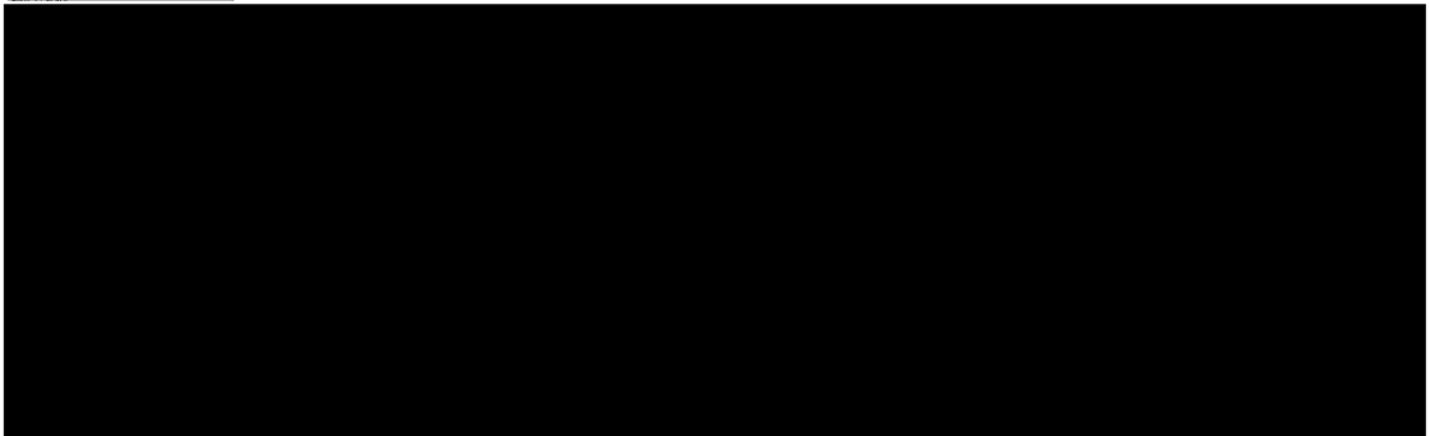
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There are currently no federal programs that INFC is aware of, outside of eligibility under the NBCF, to build the resilience of infrastructure and communities to the impacts of earthquakes.

Recommendation:

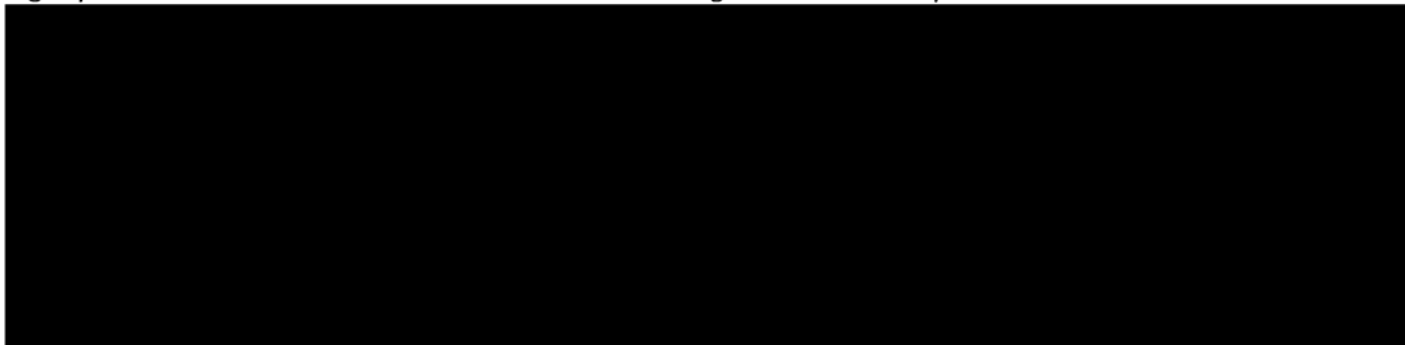


Nelson, Chad (INFC)

From: Read, Sonya (INFC)
Sent: March 24, 2017 1:45 PM
To: Frison, Monique (INFC); Moore, Jeff (INFC)
Cc: Nelson, Chad (INFC); Levesque5, Francois (INFC); Montpetit, Adrien (INFC)
Subject: [REDACTED]

Hi Monique/Jeff,

Just a heads up, resulting from yesterday's meeting with CA's, particularly related to the RD point that the national disaster and adaptation funding is "compatible" (i.e. complementary as opposed to duplicative), here are the key changes you will see in the next iteration related to the funding to be delivered by INFC:



Thanks, Sonya

SECURITY DESIGNATION

SCENARIO NOTE

Meeting between Minister of Infrastructure and Communities and Mayor Brian Bowman

| | |
|---|---|
| Date/Time: | 10, October, 2017, 1:15 PM CDT – 2:45 PM CDT |
| Location: | TBD |
| Subject: | Working lunch with Mayor Brian Bowman, Mayor of Winnipeg, Manitoba |
| Participants: | Amarjeet Sohi, Minister of Infrastructure and Communities Mayor Brian Bowman, Mayor of Winnipeg, Province of Manitoba. (Annex A – Biography) |
| Departmental Objectives <p>Your meeting with Mayor Bowman will provide an opportunity to seek his feedback on how INFC programs are working for the City of Winnipeg, while getting his perspective on immediate infrastructure priorities, and considerations for future programs.</p> <p>The meeting is also an opportunity for you to provide highlights on the 2017 budget and on the Investing in Canada Plan, including an update on the Canada Infrastructure Bank, the Smart Cities Challenge, and the Canada's Core Public Infrastructure Survey.</p> <p>You may wish to stress your desire to continue to collaborate closely with the City of Winnipeg and other municipalities in the implementation of the Government's long-term infrastructure plan, specifically with regard to the development of projects for consideration by the Canada Infrastructure Bank.</p> | |
| Stakeholder Objectives <p>It is anticipated that Mayor Bowman will want to highlight the Waverley Street Underpass project, and share his experience working with provincial and federal partners on existing infrastructure funding initiatives. He will be interested in learning more about Government of Canada commitments and how they can support Winnipeg's priorities. Phase 2 funding including Contribution Agreements will likely be of interest to the Mayor.</p> | |
| Context/Overview <p>Winnipeg, with a population of 709,253, is the capital of Manitoba. The Winnipeg Capital Region contains surrounding rural municipalities, cities, and towns and has one of the country's most diversified economies with major employment in the trade, manufacturing, educational, and health care and social assistance sectors.</p> <p>INFC has approved 16 projects for Winnipeg in 2017 and 12 of these projects are related to public transit under Public Transit Infrastructure Fund (PTIF). The city also has one tourism project under NRP, one wastewater project under CWWF, one drinking water project also under CWWF, and one cultural project under MIC (See Annex B for 2016 numbers and C for 2017).</p> | |

SECURITY DESIGNATION

Since January 2017 officials with the Canada Infrastructure Bank Transition Office, as well as senior advisors with Finance Canada and the Privy Council Office, have undertaken extensive consultations with PTMs. With respect to Manitoba this process has included regular engagement at the deputy minister level with the province; as well as with officials at the City of Winnipeg, who have indicated general openness to the Bank concept.

Specifically, city staff have expressed interest in the benefits of increased private investment and partial ownership with regard to reducing pressure on municipal own-source borrowing and the transfer of risk to the private sector related to the financing and construction of large infrastructure projects.

Commented [FSJ1]: What does own-source mean?

Points to Register

- I appreciate the opportunity to meet with you and to hear about your infrastructure priorities.
- I would like to hear your thoughts on how infrastructure funding works, or does not, to support the quality of life that you are working hard to maintain for your city.
- The Investing in Canada plan calls for over \$180 billion of federal infrastructure investment over 12 years. The plan is a coordinated national strategy for achieving three key objectives: create long-term economic growth, improve the resilience of communities and transition to a clean growth economy, and improve social inclusion and socio-economic outcomes for all Canadians.
- Under Phase 2, Infrastructure Canada is negotiating Integrated Bilateral Agreements (IBAs) with provinces to advance the \$33 billion Investing in Canada Infrastructure program, which will support projects under four categories: (1) Public Transit, (2) Green Infrastructure, (3) Community, Culture and Recreation, and (4) Rural and Northern Communities Infrastructure.
- Manitoba allocations are \$82 million for public transit; \$95.2 million for Clean and wastewater; \$714.5 million for the New Building Canada Fund – National Regional Projects under the Provincial-Territorial Infrastructure Component (PTIC); and \$155 million for the Building in Canada Fund. Manitoba has received \$631.5 million from the Gas Tax Fund.
- We remain committed to improve mobility in cities by increasing access to transit systems.
- As part of the NRP envelope part of the New Building Canada Fund – PTIC, Winnipeg will receive \$45.9 million for its Waverley Street Underpass at CN Mainline Infrastructure Project (see **Annex B** – INFC previous contribution in Winnipeg 2015-2016).
- I would be interested to learn more about how you currently measure and report on outcomes and results.
- Funding will be delivered through integrated bilateral agreements with provinces and territories.
- My officials have begun engaging with provincial officials to lay the groundwork for negotiating an Integrated Bilateral Agreement, which we hope to sign by March 2018.

SECURITY DESIGNATION

• Responsive only, if pressed on the Waverley Street Underpass at CN Mainline project

We are working closely with your officials towards the successful conclusion of the contribution agreement for the Waverley Street Underpass at CN Mainline project. My officials are examining how best to proceed with those works associated with CN Rail assets, and further clarity will be provided in the near future.

- I had the opportunity to engage with provincial and territorial ministers on several elements of the Investing in Canada Plan during the recent FPT meeting on infrastructure.
- Discussions at that meeting included funding under the first phase of federal infrastructure investments, the federal outcomes-based approach and a presentation from the Federation of Canadian Municipalities on the municipal perspective.
- The Government of Canada has committed to reporting more regularly and in more detail about what our collective investments are achieving for Canadians. This is something new compared to the last round of funding, and I know that we will need to work closely with the City of Winnipeg officials to streamline this process.
- My officials are taking into consideration all of the feedback we heard at the FPT meetings and we will continue to work with you to make this program one that meets the needs of federal-provincial/territorial governments, along with Indigenous partners, municipalities and other project proponents.
- We also look forward to your continued collaboration in ensuring the successful delivery of Phase 1 programs.
- Moving forward, please continue to submit progress reports and ensure that reports include complete and accurate information, including actual start dates of projects.
- We are looking for your support to identify when your projects will be completed and in particular any projects that will not be completed in time. We need accurate information on how much funding you intend to receive from us. This is critically important to us and I know that discussions are underway to try and improve the situation.

Responsive on one-year extension for PTIF and CWWF

- PTIF and CWWF were intended to be short term and we would like to close the programs as soon as possible.

Policy Recommendations/Points to Register

Disaster Mitigation and Adaptation Fund

As part of the green infrastructure envelope, Infrastructure Canada is developing a \$2-billion, cost-shared Disaster Mitigation and Adaptation Fund (DMAF) for built and natural, large-scale infrastructure projects supporting mitigation of natural disasters and extreme weather events and climate resilience.

The objective of DMAF is to strengthen resiliency of Canadian communities through investments in large-scale infrastructure projects, including natural infrastructure, to better withstand current and future risks such as floods, wildfires and droughts as well as other natural disaster risks, and ensure continuity of service. It is a national, merit-based program. More details on the fund will be available in the coming months. Given that this is a merit-based program, there are no allocations by province.

Commented [FSJ2]: Change this to two speaking points

SECURITY DESIGNATION

- Almost every jurisdiction in Canada has experienced significant weather-related or natural disaster events over the past decade. These events can result in threats to health and safety, interruptions in essential services, significant disruptions in economic activity and increasingly high costs for recovery and replacement. Investing in smart, resilient solutions now is paramount.
- The Disaster Mitigation and Adaptation fund (DMAF) has been developed to mitigate the impacts of these significant hazards and natural disasters in Canada and make Canadian communities more resilient to climate change and its impacts. Infrastructure Canada (INFC) will administer the \$2 billion DMAF. It will be a national merit-based program implemented over a period of ten years. The program terms and conditions are under development, however we can tell you they are being designed to support investments that will mitigate current and future climate-related risks and natural disasters, such as floods, wildfires, droughts, and seismic events by building or reinforcing constructed and natural infrastructure. Projects that meet eligibility criteria will be assessed and ranked based on merit criteria. We are working closely with Public Safety and our provincial and territorial partners on the program. More details will come later this year.

Canada Infrastructure Bank

- The Canada Infrastructure Bank was legally established in June as an arm's length Crown corporation.
- Janice Fukakusa was appointed Chair of the Bank on July 6. A selection process for the Board of Directors and the Chief Executive Officer is underway.
- The Bank will be operational by the end of 2017.
- The Bank will make investments in revenue-generating infrastructure projects that are in public interest, and seek to attract investment from private sector and institutional investors to those projects. It is a new and innovative partnership model between all levels of government, across all regions of Canada, leveraging the expertise of the private sector.
- The Government remains committed to working with the provinces and territories, municipal governments, Indigenous leaders and other partners to determine the best ways to invest, so that the benefits of investment can be felt by all Canadians.
- I encourage you to continue to consider the potential for projects that may align with the mandate of the Bank.

Smart Cities Challenge

- The Smart Cities Challenge will be delivered as a pan-Canadian competition open to cities and communities of all sizes, as well as Indigenous communities. It will encourage communities across Canada to adopt a smart cities approach to improve the lives of their residents through innovation, data and connected technology.
- The program will be delivered through the Impact Canada Initiative, which is a new vehicle to accelerate the use of challenge-oriented, outcomes-based and innovative programs and projects to address complex economic, environmental and social problems.

SECURITY DESIGNATION

- Municipalities, regional governments and Indigenous groups in British Columbia will be eligible to apply to the Smart Cities Challenge, which will be launched in the coming months
- There will be three rounds of the Challenge with the first set to launch this fall. The first round will include:
 - one large prize of \$50 million;
 - two prizes of \$10 million for mid-sized communities;
 - one prize of \$5 million for a small community; and
 - one prize of \$5 million available for an Indigenous community.

Speaking points

- An official from my department was in Manitoba last week to speak about the Smart Cities program with the province, municipalities and Indigenous organizations
- Discussions were held with officials from the City of Winnipeg and members of the Smart Winnipeg Caucus who are anxious to participate and are getting ready to put their Smart City project forward
- As we move quickly towards the Fall launch of this program, my department's aim is to continue to collaborate with provinces and municipalities to ensure that communities across Manitoba and the rest of Canada are aware of this opportunity
- Discussions have been taking place with provincial and territorial officials regarding the \$2 billion Disaster Mitigation and Adaptation Fund (DMAF) announced in Budget 2017. At this point these discussions have included representatives from the Province of Manitoba. Further conversations are being planned at the municipal level.

Canada's Core Public Infrastructure Survey

- Infrastructure Canada and Statistics Canada have developed Canada's Core Public Infrastructure survey, which will provide a national picture of the state and performance of infrastructure, the first survey of its kind. The survey was launched on July 24th, 2017 and responses are beginning to be received by Statistics Canada.
- The survey will provide baseline information that will enable all orders of government to develop policies to support efforts to improve Canada's core public infrastructure, and to monitor and report on the progress of these investments. The results of the survey will be available in summer of 2018.
- Between now and November follow-ups will be made, with an official closing date for the survey of November 30th. Provincial and municipal participation in the survey will ensure that the results will be robust.

Annexes

Annex A – Biography

SECURITY DESIGNATION



Mayor Brian Bowman was elected in a landslide victory on October 22nd, 2014 to become the 43rd Mayor of the City of Winnipeg. He is committed to developing a long-term economic plan for the future, improving infrastructure, and building safer communities to create a more innovative, diverse, and engaging city. Brian is Métis, and is the nation's first Aboriginal mayor. He believes in making Winnipeg a safe and respectful place for all its residents— regardless of race, culture, religion, or sexual orientation.

Prior to becoming Mayor, Brian was a partner at one of Winnipeg's top law firms, and a national leader in the emerging fields of social media, access to information, and privacy law. He used his role as partner to protect victims of cyber-bullying and for the protection of individuals' personal rights.

He has served and advocated for the community in his many leadership positions within a variety of organizations, including Chair of the Winnipeg Chamber of Commerce, Chair of the Winnipeg Art Gallery (WAG), and President of the University of Manitoba Alumni Association, as well as serving not-for-profits including Ka Ni Kanichihk and the Manitoba Naturalists Society. His work with the Chamber of Commerce was instrumental in launching the Winnipeg BOLD Initiative, which brought about the creation of YES!Winnipeg, The World Trade Centre, and the Centralia Conference that showcased Winnipeg to 600 companies from 30 different countries.

Growing up in a working-class family in Winnipeg, he and his wife Tracy are proud parents to sons Hayden and Austin. Brian holds a Bachelor of Arts (Adv) in history and political studies from the University of Manitoba, and a Juris Doctor degree from the University of Toronto.

Annex B – INFC previous contribution in Winnipeg

- The Government of Canada contributed \$3.9M through the New Building Canada Fund –Provincial-Territorial Infrastructure Component and the Clean Water and Wastewater Fund toward the Water Main Reliability project and the Winnipeg Beach Lagoon Upgrade project.

SECURITY DESIGNATION

Annex C - Winnipeg Project Summary

Annex C – July 6 Letter to Premier Palliser

Version September 14, 2017

BRIEFING NOTE TO THE ASSISTANT DEPUTY MINISTER

OPTIONS FOR RESPONDING TO PRESSURES FROM OTHER GOVERNMENT DEPARTMENTS TO ADDRESS CRITICAL GAPS

(For Information)

ISSUE

- To provide options to address pressure on the Disaster Mitigation and Adaptation Fund (DMAF) from within federal family to respond to the need to fill critical gaps



BACKGROUND

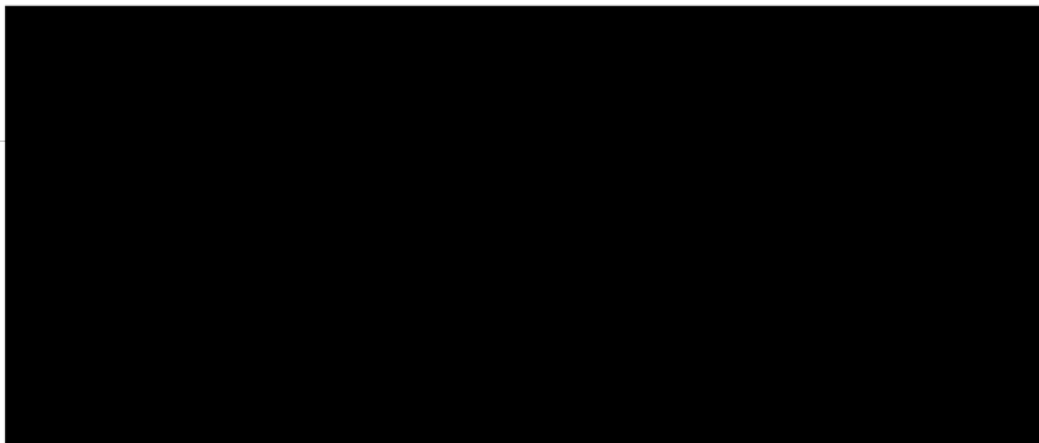
- DMAF's objective is to effectively strengthen the resiliency of Canadian communities through investments in large-scale infrastructure projects, including natural infrastructure, to better withstand current and future risks such as floods, wildfires and droughts as well as other natural disaster risks, and ensure continuity of service.
- DMAF's funding of adaptation, resilience, and disaster mitigation projects offers a complementary approach to the Green Infrastructure component of the ICIP which also funds adaptation, resilience, and disaster mitigation. The ICIP component enable provinces and territories to focus on projects supporting adaptation to events or natural disasters that are only climate-related and DMAF will only fund large-scale projects of \$20 million and above in total costs that support building the resilience of infrastructure in prevention of or in response to broader types of natural hazards and disasters, including seismic events. This complementary approach between DMAF and ICIP provides greater flexibility to support adaptation, resilience and disaster mitigation investments to achieve maximum benefit on a national level.

CONSIDERATIONS

- There have been recent discussions at the Assistant Deputy Minister-level on the role of DMAF in responding to the need to fill critical gaps.

- There are pressures from outside of Infrastructure Canada (INFC) for DMAF to fill critical gaps. Some of the issues are related to:

-



- Event-Specific
- Sun-setting programs:
 - Public Safety's Natural Disaster Mitigation Program (NDMP), established in April 2015, will sunset in 2 years. The last funding is available in 2019-20. Focus of NDMP is on significant, recurring flood risk and costs.

NEXT STEPS

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DMC RETREAT**September 8, 2017****POB Key challenges****1. DMAF****Challenges:**

- [REDACTED]
- The Deputy and the Associate Deputy have asked POB to provide options for them to discuss with the Minister on how to encourage a successful program (i.e. giving more time to potential proponents) and also on how to be proactive in identifying national priorities for DMAF projects. We have been working with our OGD colleagues to provide sound options/advice to the Deputies.

Solutions:

- [REDACTED]

**ASSISTANT DEPUTY MINISTERS' COMMITTEE ON THE
PAN-CANADIAN FRAMEWORK ON CLEAN GROWTH AND CLIMATE CHANGE**

OCTOBER 11TH, 2017

**2:00 pm to 3:30 pm
66 Slater, 9th Floor, Room 925**

Conference call info:
1-877-413-4788 (toll-free)
613-960-7513
Conference ID: [REDACTED]

Commented [DK1]: TBC

Context

This Assistant Deputy Minister-level committee meets monthly to support Deputy Ministers in providing strategic oversight and direction on programs and initiatives linked to the *Pan-Canadian Framework on Clean Growth and Climate Change* (PCF). These meetings provide an opportunity to share information on relevant INFC programs, including the Green Infrastructure Stream of the Investing in Canada Infrastructure Program and the forthcoming Disaster Mitigation and Adaptation Fund, and ensure that they align with the larger suite of federal climate change programs and support PCF commitments and objectives.

INFC is currently negotiating Integrated Bilateral Agreements (IBAs) with provinces and territories to deliver funding, and Environment and Climate Change Canada (ECCC) may be interested in receiving an update on latest developments. It should be noted that the Minister of Environment and Climate Change's concurrence will need to be sought on the green infrastructure portion of the IBAs.

ECCC has taken a lead role in coordinating activity under the PCF. It has established a governance framework which it employs to gather a wide range of data points on all programs directly or indirectly linked to the PCF (see Annexes X through X), seeking to identify and address any potential gaps and/or alignment issues.

ANNOTATED AGENDA

1. Welcome (5 min -- ECCC & PCO)

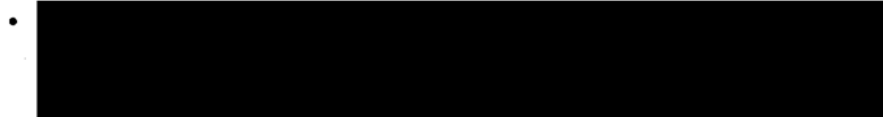
- The committee is co-chaired by ECCC and the Privy Council Office (PCO). PCO typically defers to ECCC on most items.

2. Carbon Pricing (ECCC)

- The federal government plans to backstop carbon pricing in provinces and territories where pricing is either not implemented or deemed insufficient (e.g., pricing is too low,

scope is too narrow, etc.). ECCC has proposed to impose an explicit price of \$10/tonne rising to \$50/tonne by 2022.

- The backstop plan will include two components, a price on fuel to be implemented in spring 2018 as well as a performance standard for large industrial facilities which will be implemented in 2019.



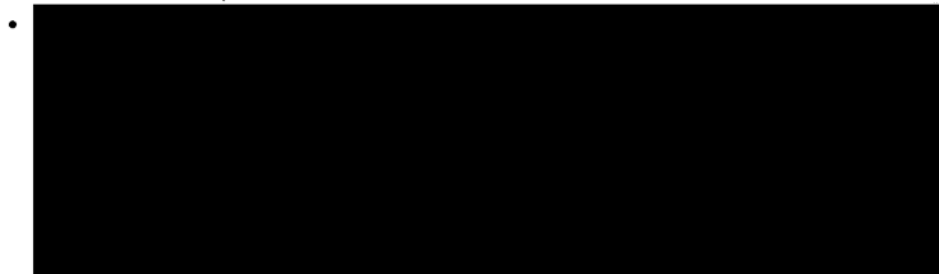
- This item has no direct implications for INFC.

Points to Register:

N/A

3. Working with Indigenous Peoples to Implement the PCF (ECCC)

Including update on planning for the AFN/GoC Joint Committee on Climate Action



- INFC has upcoming engagements planned with a number of Indigenous organizations in connection to the launch of the Investing in Canada Plan / Investing in Canada Infrastructure Plan.
 - These engagements will include an invitation to provide feedback on the Community Employment Benefits Framework, and to participate in the ongoing development of climate change mitigation and resilience assessment methodologies linked to the Climate Lens.

Points to Register:

→ Infrastructure Canada plans to engage with Indigenous Peoples this fall to provide an overview of the Investing in Canada Plan, including the Investing in Canada Infrastructure Program and its subsidiary Arctic Energy Fund (to be delivered via Integrated Bilateral Agreements); ~~as well as the forthcoming Disaster Mitigation and~~

Adaptation Fund.

- o These engagements will include opportunities to provide input on the Climate Lens, as well as an opportunity to provide input on the Community Employment Benefits framework.

→ Infrastructure Canada's Disaster Mitigation and Adaptation Fund (DMAF) is a \$2 billion merit-based program. Funding eligibility is open to provincial, territorial, and municipal (PTM) governments, to indigenous communities, and to public and private sector organizations.

- o Projects that support climate change disaster mitigation are also eligible under the IBAs and there is no minimum threshold under the IBAs. Thus indigenous communities could apply for funding through PTs under the IBAs.
- o Second, while our terms and conditions are not finalized, INFC is considering the option of allowing projects to be **bundled**. Proponents will need to demonstrate a coherent link between projects. For example, we are considering requiring that bundled projects must respond to the same possible "event" (i.e., flooding event in a watershed, rather than province-wide general flooding events over a year) and that it is critical to the success of the project outcomes that several components be considered together. Indigenous communities could bundle their projects with related projects with non-indigenous recipients as well.

6.4. Federal Coordination of Investment on Reducing Reliance on Diesel in Remote and Northern Communities (INAC & NRCan)

- xxxx

Points to Register:

N/A

Commented [DK2]: Paul/Melissa, please let me know if you have anything to flag for this item. I'll forward the relevant documents once they become available.

6.5. Canada Institute for Clean Growth and Climate Change (ECCC)

- [FURTHER INFO REQUIRED FROM ECCC]

Points to Register:

→ Xxxxx

7.6. Adaptation and Climate Resilience (ECCC)

- Infrastructure Canada has been engaging key partners key federal and provincial partners on key-outstanding issues and program design.
- With respect to provinces and territories, INFC and Public Safety are continuing to engage them to identify potential projects they may consider putting forward. We are doing this through a working group of the SOREM. We have heard the need to know more about the merit criteria and the scope of DMAF in order to provide useful information about the kinds of eligible projects; we are working to be able to provide more information.
- We ~~are also will also be~~ looking to engaging municipalities and have had preliminary discussions with the Federation of Canadian Municipalities.
- In addition, we ~~will mention DMAF in broader discussion we are having with have had discussions with Indigenous and Northern Affairs Canada to discuss how National Indigenous Organizations on INFC funding~~ communities can apply to DMAF ~~be engaged strategically through their existing mechanisms. Our colleagues' feedback has been helpful.~~

Points to Register:

- DMAF has been designed to mitigate the impacts of significant hazards and natural disasters in Canada and make Canadian communities more resilient to climate change and its impacts. Budget 2017 earmarked \$2 billion over 10 years to establish the DMAF under the green envelope. Infrastructure Canada will administer the \$2 billion program as a ten-year, national merit-based program.
- The objective of DMAF is to strengthen the resiliency of Canadian communities through investments in large-scale infrastructure projects, including natural infrastructure, to better withstand current and future risks such as floods, wildfires and droughts as well as other natural disaster risks, and ensure continuity of service.
- Eligible investments include the construction or enhancement of natural infrastructure for the purpose of delivering infrastructure services to **adapt or**

Commented [WC3]: Anna, can you just add a few bullets regarding our engagement with others, one federally, one PT and just starting re FCM. Thanks

mitigate the impacts of natural hazards or climate change. Natural infrastructure can be a cost-effective alternative to grey or traditional infrastructure.

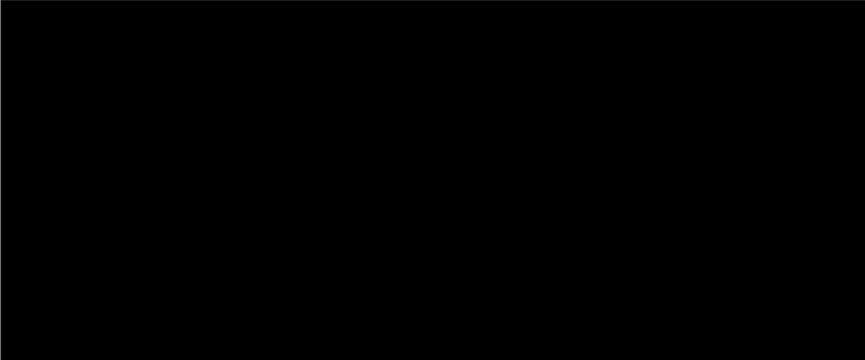
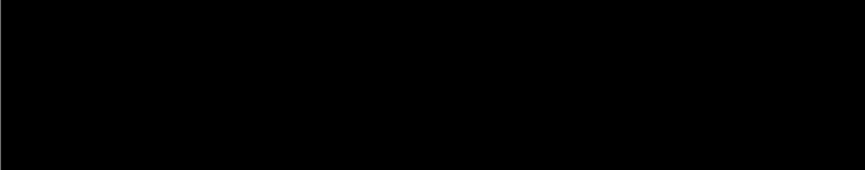
→ Status: Infrastructure Canada is currently working on program design for the DMAF and will be seeking our authorities in the coming months. The program launch and first intake announcement would follow finalization and approval of program design. More details will come later this year.

→ We have been engaging key partners on key outstanding issues and program design, and we will continue to do so.

Commented [DK4]: Chad/François, please let me know if you have anything to flag for this item. I'll forward the relevant documents once they become available.

8.7. Forward Agenda Planning (ECCC)

Forward agenda items of relevance to INFC include:

- 
- 
- Once INFC's approach to the Climate Lens has been finalized (late fall/early winter), the department may also wish to return to this table with an update, to close the loop on this item.

Points to Register:

→ NIL

9.8. Roundtable Updates / Next Steps (ECCC)

a) Zero-Energy Vehicle Strategy (NRCan)

- The Zero Emission Vehicles (ZEV) Strategy is led by Transport Canada, with support from Infrastructure Canada, Natural Resources Canada, Indigenous and Northern Affairs

Canada, and Innovation, Science and Economic Development Canada.

- Through the Pan-Canadian Framework, federal, provincial and territorial governments have committed to work with industry stakeholders to develop a Canada-wide strategy for ZEVs by 2018. The proposal also aligns with commitments made through the May 2016 North American Leaders Summit.

- [REDACTED]

- [REDACTED]

- A ZEV Advisory Group has also been struck, and consists of representatives from governments, industry, non-governmental organizations and academics.

- [REDACTED]

Points to Register:

N/A

b) *Low Carbon Economy Fund (ECCC)*

- The \$1.4B Low Carbon Economy Leadership Fund is intended to support provincial and territorial leadership commitments outlined in the PCF. It launched in late summer 2017 and is open only to provinces and territories that have adopted the PCF¹.
- An additional ~\$600M will be available under the forthcoming Low Carbon Economy Fund Challenge to support projects submitted by a wider range of recipients (i.e., provinces and territories, municipalities, Indigenous governments and organizations, businesses and both not-for-profit and for-profit organizations).
- The Leadership Fund is a competitive program designed to facilitate the mitigation of GHG emissions associated with:

¹ To date, Manitoba and Saskatchewan have not signed on to the framework.

- o The built environment: Energy efficiency measures in residential and commercial buildings
 - o Industry: Energy efficiency, fuel switching, and process changes
 - o Forestry and Agriculture: Enhancing carbon sinks and achieving GHG reductions.
- The LCEF and the Climate Change Mitigation sub-stream of the Investing in Canada Infrastructure Program (ICIP) have been designed to complement one another. While the LCEF targets private sector and residential projects, the ICIP invests in assets that are intended for public use and benefit.
 - [REDACTED]
 - Representatives of INFC's Program Operations Branch are participating in the review of public building projects submitted for consideration under the LCEF.
 - INFC has agreed to use an adapted version of the LCEF's GHG emissions assessment methodology under the Climate Lens, to promote consistency of approach across federal programming.

Points to Register:

→ xxxx

Commented [DK5]: Babur, please let me know if you have anything to flag with respect to project evaluations and activity at the ADM-level committee. I'll forward the relevant documents when they become available.

Annexes

- A. Agenda
- B. Xxx
- C. Xxx
- D. Xxx
- E. Xxx
- F. Xxx
- G. Xxx
- H. Xxx
- I. Xxx
- J. PCF Implementation Tracker
- K. PCF Milestones and Events Calendar
- L. PT Engagement Calendar
- M. DM Meeting Record of Discussion: September 27th, 2017

Commented [DK6]: Documents have not yet been posted/circulated

DISASTER MITIGATION AND ADAPTATION FUND (DMAF)**INVESTING IN CANADA PLAN – PHASE 2****Current Status**

- [REDACTED]
- [REDACTED]
- Concurrently, INFC will continue to work on program details and to prepare the necessary material to launch the program in the fall of 2017.
- At a meeting organized by POB, other federal departments (Environment and Climate Change Canada, Natural Resources Canada, Public Safety Canada, Indigenous and Northern Affairs Canada) were briefed on the proposed program design [REDACTED]
[REDACTED]
- POB created an interdepartmental working group in order to draw on other federal departments expertise and to get their perspective in the development of program material (e.g. merit criteria, assessment grid, application forms, risk assessment information template, etc). As well, we are working with other departments [REDACTED]
[REDACTED] This information will also be used to inform advice with respect to the various intake and merit criteria.
- INFC is in the process of issuing a sole source contract to vet, expand and finalize the list of merit-based criteria against which projects will be assessed [REDACTED] The contract will also include several other deliverables such as the Risk Assessment Information Template, the Application Guide and the Assessment Guide, to be used in the assessment process.

Discussions on Project Selection**Projects of National Significance**

- POB is working on defining what constitutes a project of “national significance”. Based on discussions to date with other federal departments, there does not appear to be projects of significance that would cross provincial/territorial boundaries.
- As DMAF will only be finding projects over \$ 20 million, POB expects large-scale projects with high impacts.

- POB is exploring how to best define projects of “national significance” including:
 - ✓ Projects that impact critical infrastructure (e.g. airports, communications, roads, etc) that have national significance economically;
 - ✓ Projects that impact national safety; and
 - ✓ Projects that contribute to high cost savings and/or reductions in Disaster Financial Assistance Arrangement funding

Regional Distribution

- As a merit-based, competitive program, projects will be ranked [REDACTED]
- The Minister would have discretion in selecting which projects he wants to approve from the ranked list.

○ [REDACTED]

Funding Categories

- DMAF is meant to cover projects supporting adaptation to events, hazards or natural disasters that are natural or climate-related, which includes floods, wildfires, droughts and seismic events; however, flooding, according to Public Safety Canada’s data, is the most common disaster event occurring in Canada by far. Although seismic event are rare, the impacts on population could be devastating.

○ [REDACTED]

Funding Caps

○ [REDACTED]

- POB is exploring the possibility of establishing a funding cap on individual projects to optimize benefits.

Private vs. Public Infrastructure

- Infrastructure investments will support public infrastructure defined as capital assets, including natural infrastructure, primarily for public use or benefit. Privately-owned infrastructure that meet the objective of providing a public use or benefit will be eligible under the DMAF.

- [REDACTED]

Project State of Readiness


- Based on past experience managing infrastructure programs, project state of readiness at the time of approval should be an important consideration. POB is proposing that this be considered as a merit criteria for assessing projects.
- With the first project intake scheduled for the end of this fiscal year, there is a possibility that a low number of projects will be in a position to start within a year of project approval; POB will explore how best to respond if this situation does arise, including moving any unused funds into the second intake.
- Project that are not ready or expected to start construction within a certain window could be considered but would receive a lower mark. They would be re-considered in future intake processes.

Project Bundles

- Some federal departments provided a preliminary list of potential projects to INFC. Several of these projects listed appear to be a collection of multiple projects across a province or a large regional area as opposed to being focused on one particularly vulnerable area.
- Although INFC has approved project bundles in other infrastructure programs for administrative ease, POB is looking into how best to define the scope of bundles within one application submitted for funding, as it would be related to the issue of eligibility (re meeting the \$20 M threshold) and national significance.
- In specific circumstances, such as with flooding, several components may need to be implemented and considered for the overall success of the project. [REDACTED]

Program Timeline – First intake

- [REDACTED]
- End of March 2018 – Close of first project intake [to provide enough time to applicants to review program requirements and prepare proposals (including climate lens requirements)].

- End of July 2018 - Review project eligibility and assessment against merit criteria, including preparation for and approval by the External Review Committee. Exact timing will be dependent on the number of applications received.
- August 2018 - Submit eligible projects through approval process including Minister approval.
- 
- September 2018 – Launch 2nd intake process.

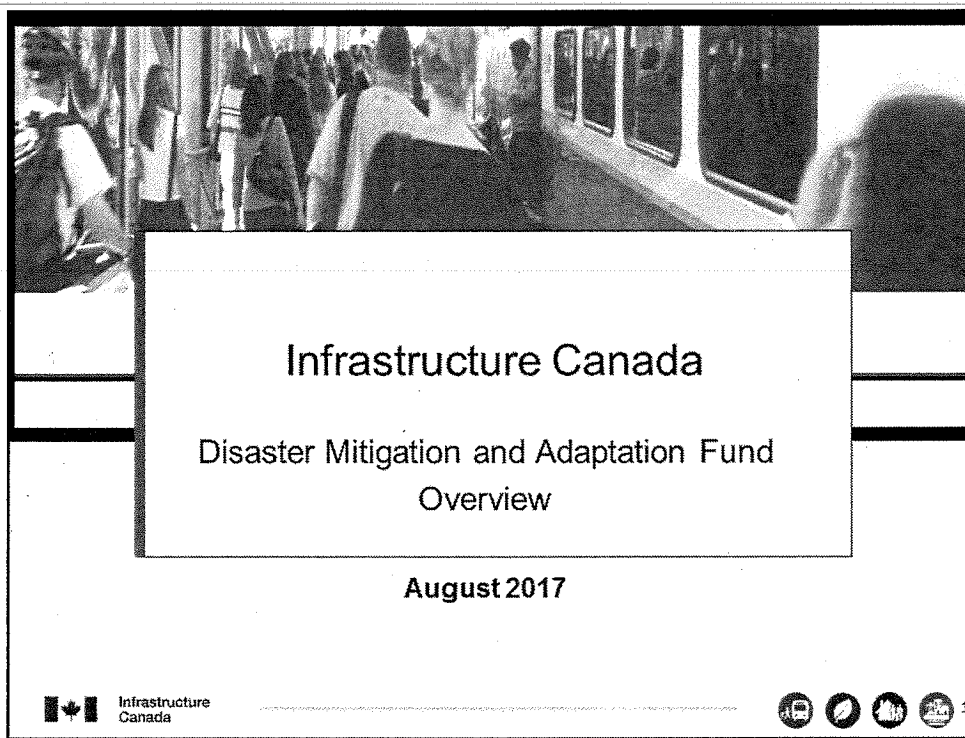
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conformément aux dispositions de paragraphe
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de la *loi sur l'accès à l'information***

DMAF in British Columbia

- DMAF is a \$2 billion national merit-based program
 - To strengthen the resiliency of Canadian communities through investments in large-scale infrastructure projects, including natural infrastructure, to better withstand current and future risks such as floods, wildfires and droughts as well as other natural disaster risks, and ensure continuity of service
- To date, Provinces and Territories have indicated high-level ideas for potential projects, but not specific projects
- Potential project proposals in BC under DMAF are expected to mitigate disasters from:
 - Wildfires
 - Inland flooding (e.g., Fraser River basin)
 - Coastal flooding (e.g., storm surges)
 - Seismic events
- Any project would need to be assessed against the program's eligibility and merit criteria

1



BACKGROUND

- Almost every jurisdiction in Canada has experienced significant weather-related or natural disaster events over the past decade.
- Climate-related and other natural disaster infrastructure failures can result in threats to health and safety, interruptions in essential services, significant disruptions in economic activity and increasingly high costs for recovery and replacement.
- Investing in smart, resilient solutions now is paramount to reduce vulnerability, improve capacity, and build more adaptable communities across Canada.
- As such, INFC will administer **\$2 billion over 10 years** to establish the Disaster Mitigation and Adaptation Fund (DMAF).
 - Funding comes from the green stream of the **\$81.2 billion** committed through **Budget 2017** for national programs under the public transit, green infrastructure and social infrastructure envelopes.



The ICP represents a historic, long-term infrastructure investment by the Government of Canada intended to create and support economic growth and prosperity in order to improve the lives of Canadians.

The Plan adopted a two-phased approach: an initial phase, focused on a swift roll-out of new programs to inject short-term funding for infrastructure investments, and a longer-term second phase aimed at using infrastructure investments to advance national objectives for the economy, the environment, and social needs.

OBJECTIVES AND EXPECTED RESULTS

- The DMAF is a merit-based program designed to support **national, provincial and municipal** infrastructure required to deal with the effects of a changing climate.
- DMAF invests in large-scale adaptation, resilience and disaster mitigation investments that may span multiple jurisdictions.
- Ultimately, the DMAF aims to reduce:
 - socio-economic impacts of natural disasters
 - interruptions in essential services
 - significant disruptions in economic activity
 - high cost for recovery and replacement



Infrastructure
Canada



First bullet: Focusing investments on vulnerable communities at high risk of infrastructure failure that result in threats to: health and safety;

ELIGIBILITY

Eligible Recipients

- Provincial, territorial, municipal and regional governments
- Recognized public organizations
- A private sector body, including for-profit organizations and not-for-profit organizations
- Indigenous ultimate recipients

Eligible Investments

- Investments are directed to **tangible capital assets** (new and rehabilitation), **including natural infrastructure, primarily for public use or benefit.**
- Projects with a total estimated cost of **at least \$20 million** will be considered eligible under the DMAF.



NEXT STEPS

- Continue work to develop program Terms and Conditions, with the help and support of other federal departments.
- Seek Treasury Board approval.
- Launch Program post Treasury Board approval, with the first intake to follow.



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BRIEFING NOTE TO THE MINISTER**OPTIONS TO INCREASE SUCCESS IN THE IMPLEMENTATION OF THE
DISASTER MITIGATION AND ADAPTATION FUND**

(For Information)

ISSUE

- To provide options to address issues that may impact the early success of the Disaster Mitigation and Adaptation Fund (DMAF).

BACKGROUND

- In recognition of increasing risks and costs due to more extreme climate events in Canada, Budget 2017 has earmarked \$2 billion over 10 years to establish the DMAF. The objective of DMAF is to strengthen the resiliency of Canadian communities through investments in large-scale infrastructure projects, including natural infrastructure, to better withstand current and future risks such as floods, wildfires and droughts as well as other natural disaster risks, and ensure continuity of service. It is a merit-based program and funding eligibility is open to municipal, provincial and territorial (MPT) governments, to indigenous communities, and to public and private sector organizations.

- [REDACTED]

CONSIDERATIONS

- INFC and Public Safety Canada (PS) have started engaging provincial and territorial governments (PTs) in order to identify potential projects they may consider putting forward.
- In preliminary discussions this summer, PTs have identified high-level ideas for potential projects.

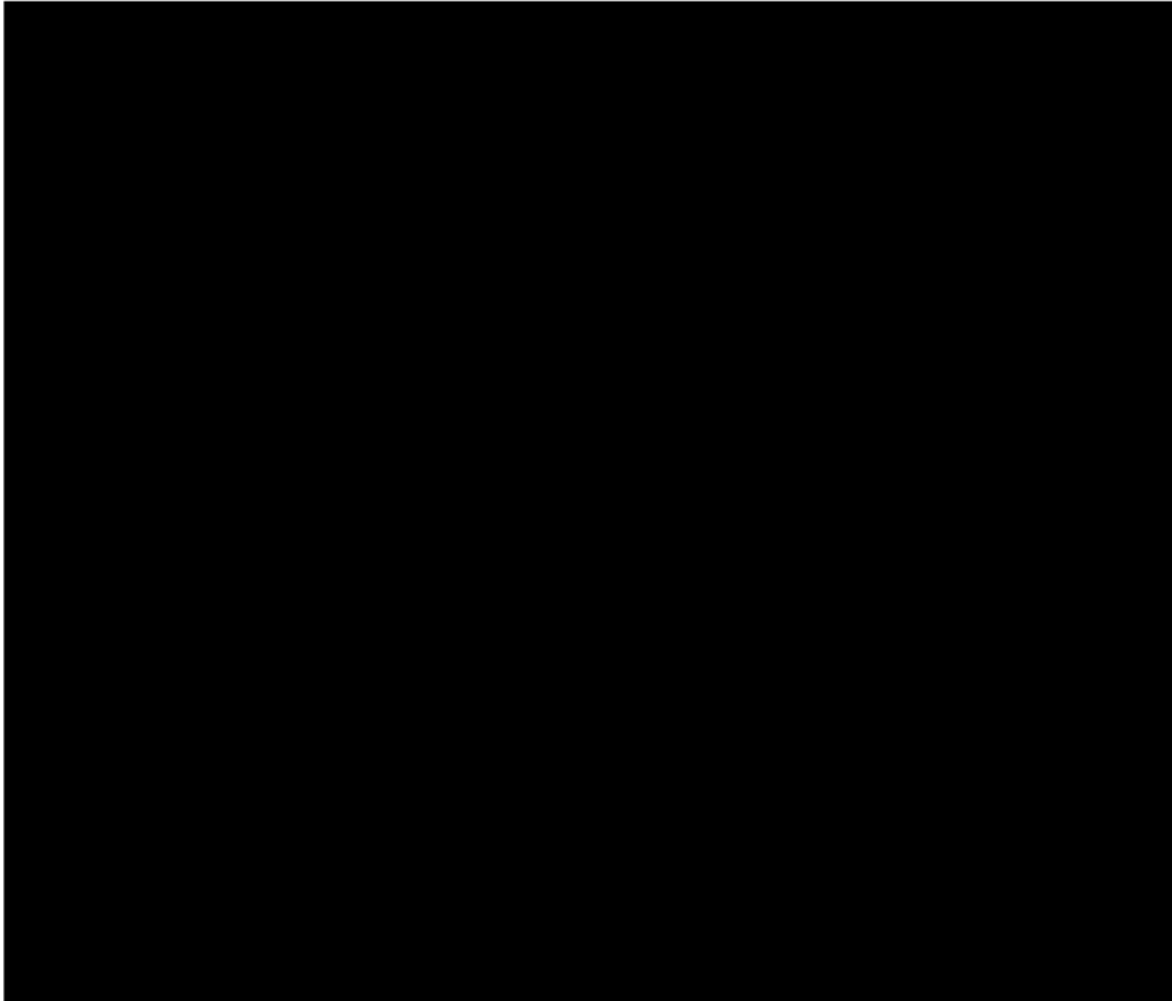
[REDACTED]

- Given the existence of the Government of Canada's Disaster Financial Assistance Arrangements (DFAA), which provides up to 90 percent federal funding to MPTs following a natural disaster,

[REDACTED]

PROTECTED B

- With respect to identifying projects of national significance, MPTs are looking for guidance on what the Government of Canada is seeking. While the merit assessment criteria being developed include national significance (e.g., impact on critical infrastructure or impact on Canadians' safety), the Government of Canada could seek to provide further information on national priorities for DMAF.
- In order to address these concerns, the following options have been identified to support a successful program uptake. They are explained further in Annexes A and B.



While keeping the focus on the merit-based nature of DMAF, these options may positively impact the early success of DMAF. Annexes A and B provide the options under consideration.

NEXT STEPS

- I would be available to discuss the issues and options with you. In the meantime, my staff continue to work with other government departments to get information to advance the options.

- [REDACTED]

Jean-François Tremblay
Deputy Minister
Infrastructure and Communities

Date

Attachment:

Annex A - Options

Annex B – Visual representation and timeline

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de la *loi sur l'accès à l'information***

PROTECTED B

BRIEFING NOTE TO THE MINISTER**DISCUSSION DOCUMENT ON THE
DISASTER MITIGATION AND ADAPTATION FUND**

(For Information)

ISSUE

- To bring forward items for further discussion on issues for the Disaster Mitigation and Adaptation Fund (DMAF).

BACKGROUND

- In recognition of increasing risks and costs due to more extreme climate events in Canada, Budget 2017 has earmarked \$2 billion over 10 years to establish the DMAF. The objective of DMAF is to strengthen the resiliency of Canadian communities through investments in large-scale infrastructure projects, including natural infrastructure, to better withstand current and future risks such as floods, wildfires and droughts as well as other natural disaster risks, and ensure continuity of service. It is a merit-based program and funding eligibility is open to municipal, provincial and territorial (MPT) governments, to indigenous communities, and to public and private sector organizations.

- [REDACTED]

CONSIDERATIONS

- NFC is continuing to work on program details and to prepare the necessary material to launch the program in early 2018, pending TB approval. A number of issues are under discussions regarding project selection, each of which is outlined in Annex A:
 - Projects of national significance;
 - Regional distribution;
 - Provincial / territorial preliminary assessments;
 - Merit criteria;
 - Funding categories;
 - Funding caps;
 - Private vs. public infrastructure
 - Project state of readiness
 - Project bundles

NEXT STEPS

- I would be available to discuss these issues with you.

- [REDACTED]

Kelly Gillis
Deputy Minister
Infrastructure and Communities

Date

Attachment:

Annex A – Discussion Document

Confidential Draft Document for Discussion Only – Not to be distributed to any external parties.

DISCUSSION DOCUMENT

DISASTER MITIGATION AND ADAPTATION FUND (DMAF)

INVESTING IN CANADA PLAN – PHASE 2

Current Status

- o [REDACTED]
- o [REDACTED]
- o Concurrently, INFC is continuing to work on program details and to prepare the necessary material to launch the program in the ~~fall~~ January of 2018~~7~~, pending TB approval.
- o POB created an interdepartmental working group in order to draw on other federal departments' expertise (Environment and Climate Change Canada, Natural Resources Canada, Public Safety Canada (PS), Indigenous and Northern Affairs Canada and Defence Research and Development Canada) and to get their perspective in the development of program material [REDACTED]
- o [REDACTED]

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Issues under discussions regarding project selection

Projects of National Significance

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o [REDACTED]

- o As DMAF will only be funding projects over \$20 million, POB expects large-scale projects with high impacts.

Current Thinking

o [REDACTED]

- o POB is exploring how to best define projects of “national significance” including projects that:

- Reduce impacts on critical infrastructure from natural disasters
- Reduce the risk to critical infrastructure that is at high risk; R
- Reduce high impacts on health and safety of Canadians
- Reduce potential for interruptions in essential services to Canadians
- Reduce significant disruptions in economic activity from natural disasters
- Reduce costs of recovery and replacement (e.g. Government of Canada’s Disaster Financial Assistance Arrangements or DFAA)
- Projects that impact critical infrastructure (e.g. airports, communications, roads, etc) that have national significance economically; and/or
- Projects that impact safety; and/or
- Projects that have a high economic impact on the Canadian population; and/or
- Projects that can show other important benefits for Canadian.

Commented [WA1]: Anna modified Sept 27 with new language.

Commented [WA2]: Chad, the order of these 2 paragraphs has been switched.

Regional Distribution

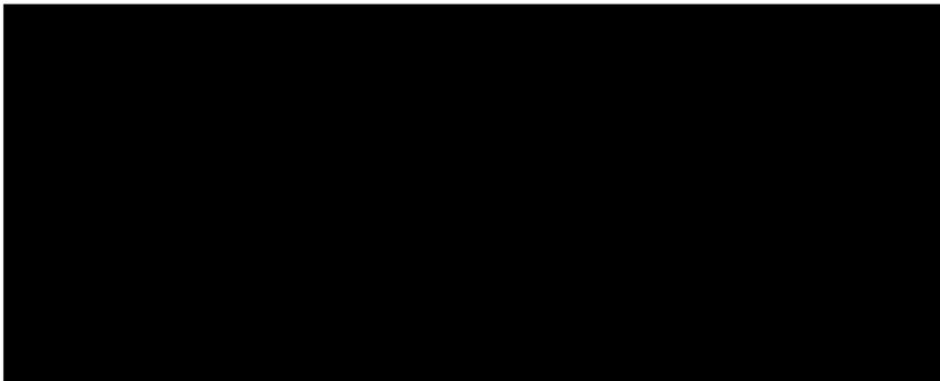
o [REDACTED]

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- o The Minister would have discretion in selecting which projects he wants to approve from the ranked list.

Current Thinking

o



Merit Criteria



Current Thinking

o

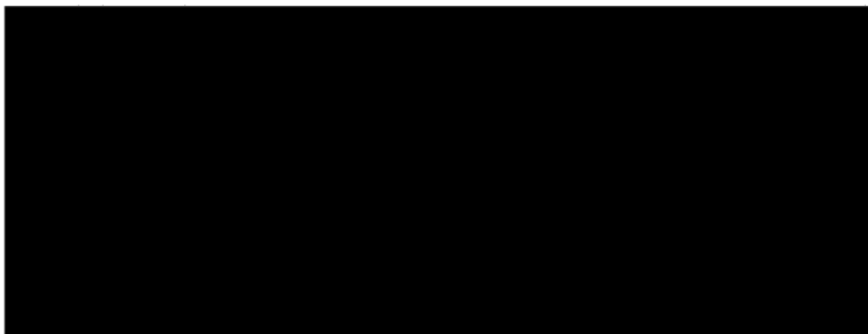


Funding Categories

- o DMAF is meant to cover projects supporting adaptation to events, hazards or natural disasters that are natural or climate-related, which includes floods, wildfires, droughts and seismic events; however, flooding, according to Public Safety Canada's data, is the most common disaster event occurring in Canada by far. Although seismic event are rare, the impacts on population could be devastating.

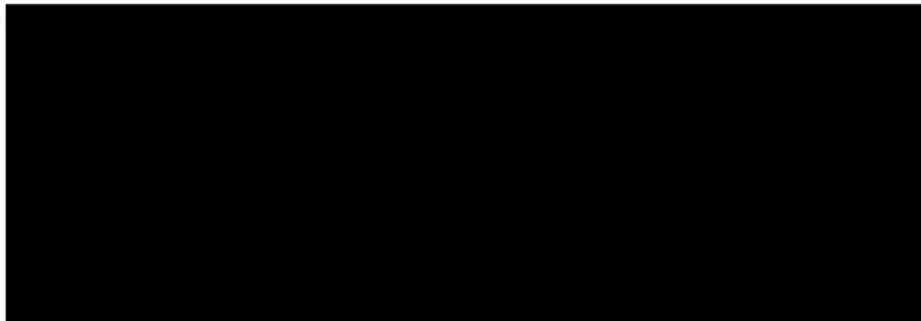
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Current Thinking



Funding Caps

o



Private vs. Public Infrastructure

- o Infrastructure investments will support public infrastructure defined as capital assets, including natural infrastructure, primarily for public use or benefit. Privately-owned infrastructure that meet the objective of providing a public use or benefit will be eligible under the DMAF.

Current Thinking



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Project State of Readiness

- With the first project intake scheduled for March 2018, there is a possibility that a low number of projects will be in a position to start within a year of project approval. [REDACTED]

Current Thinking

- POB is currently assessing the need to postpone the first intake to spring 2018 in order to provide proponents with enough lead time to present strong business cases; this should allow for more proposals to be closer to implementation.
- POB could respond to the situation of low uptake with project ready for implementation, including moving any unused funds into the second intake.
- Based on past experience managing infrastructure programs, project state of readiness at the time of approval should be an important consideration. [REDACTED]

Project Bundles

- [REDACTED]
- Although INFC has approved project bundles in other infrastructure programs for administrative ease, POB is looking into how best to define the scope of bundles within one application submitted for funding, as it would be related to the issue of eligibility (re meeting the \$20 M threshold) and national significance.
- In specific circumstances, such as with flooding, several components may need to be implemented and considered for the overall success of the project. [REDACTED]

Current Thinking

- A coherent link between projects should be demonstrated; for example, we are considering requiring that bundled projects must respond to the same “event” (i.e.,

Page 5 of 6

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flooding event in a watershed, rather than province-wide general flooding events over a year) and that it is critical to the success of the project outcomes that several components be considered together.



Program Timeline:— Approvals to First intake

- o Oct 2017— [Redacted]
- o [Redacted]
- o Q 1 2018 First call for proposals
- o January - March 2018 Continued outreach activities.
- o The timelines for the first call for proposals vary pending the decisions to be taken in at meeting October 2, 2017. The options for the first call for proposals are:
 1. Status quo: January 2018 with submission deadline in June 2018;
 2. Delay call for proposals to allow more time for eligible recipients to prepare solid proposals and secure their share of the funding: March 2018 with submission deadline in September 2018; or
 3. 2-Step selection process: first call in January 2018 with deadlines for expressions of interest in April 2018 and full applications in fall 2018.
- o Following deadlines for submissions, INFC will End of March 2018—Close of first project intake [to provide enough time to applicants to review program requirements and prepare proposals];
- o End of July 2018—Review project eligibility and assessment against merit criteria, including preparation for and approval by the External Review Committee. Exact timing will be dependent on the number of applications received.
- o Various options to August 2018—Submit eligible projects through approval process, including Minister's approval.
- o Several options for Fall 2018 to s—Seek TB approval of project outside the Minister's delegation and negotiate contribution agreements.
- o Launch 2nd intake process: there are several options for fall Fall-2018 or later—Launch 2nd intake process.

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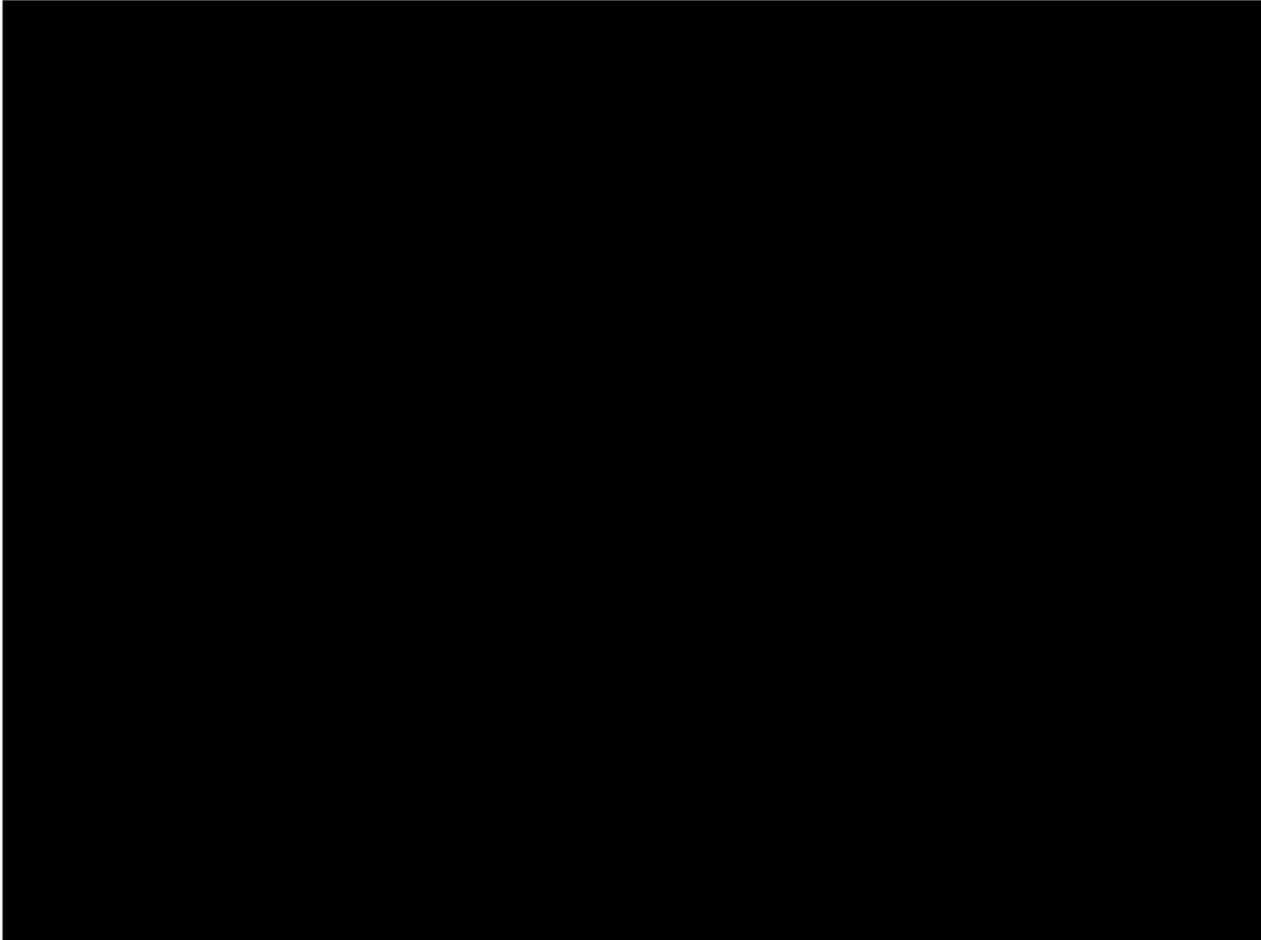
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WORKING SESSION WITH MINO


DISASTER MITIGATION AND ADAPTATION FUND



B. PROGRAM DESIGN

Fixed Elements:

- **Eligible investments:** to support public infrastructure, defined as tangible capital assets, including natural infrastructure, primarily for public use or benefit
- **Minimum project cost:** total project cost of at least \$ 20 million
- **Eligible expenditures:** costs direct and necessary for project implementation including capital costs, design and planning, cost related to climate change and resiliency assessments and data collection; costs related to actual project construction will be eligible as of project approval
- **Eligible recipients:** consistent with other programs

- **Project selection:** competitive, merit-based (with eligibility and merit-based criteria pre-defined), scored and ranked projects; about 4 intakes with possibility of more;
- 

Non-fixed Elements:

- **Eligible investments**
 - Details of categories
 - Defining “natural infrastructure”
 - Defining “public infrastructure for public use or benefit”
- **Ineligible expenditures**
- **Eligibility criteria**
- **Merit-based criteria**
 - Project of national significance
 - Project state of readiness
 - Regional distribution
- **Federal funding cap**
- **Monitoring, Flow of Funds, Audits and Evaluations**

C. OTHER CONSIDERATIONS



ANNEX

PROGRESS UPDATE ON THE DISASTER MITIGATION AND ADAPTATION FUND

Commented [WS1]

BACKGROUND

Budget 2017 confirmed additional funding for national programs. Funded under the green envelope, Infrastructure Canada (INFC) will administer the \$2 billion Disaster Mitigation and Adaptation Fund (DMAF).

The DMAF will be a national merit-based program, to be implemented over a period of ten years. While the program terms and conditions have not yet been approved, it is being designed to support investments that will mitigate current and future climate-related risks and natural disasters, such as floods, wildfires, droughts, and seismic events by building or reinforcing constructed and natural infrastructure. The DMAF will only fund large scale projects of \$20 million and above in total costs. Projects applying to the DMAF will be assessed and selected in a two phase process that will include projects meeting the eligibility criteria and projects being graded and ranked against a list of merit-based criteria.

The DMAF is designed to reduce the socio-economic impacts of natural disasters on Canadians by focusing investments on vulnerable communities at high risk of infrastructure failure that result in threats to: health and safety; interruptions in essential services; significant disruptions in economic activity; and increasingly high cost for recovery and replacement to frequent and intense climate events and natural disasters. The DMAF is as well expected to contribute to three outcomes of the ICP, namely: increased economic growth, increased community resilience, and improved sustainable infrastructure management.

As noted above, the DMAF will be able to fund natural infrastructure,

STRATEGIC CONSIDERATIONS

- [REDACTED]

- In addition, one of the requirements of the program is to projects of national significance. While merit assessment criteria are being developed that address national significance (e.g., impact on critical investment or impact on Canadians' safety), INFC is also working to see how the Government could provide greater guidance to potential proponents on the definition of national significance, including examining the option of prioritizing project consideration for projects within areas of highest risk.

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- These issues may in order to address these concerns INFC is finalizing a briefing note for the Minister with that may impact the early success of DMAF and INFC is exploring options (to be explained fuller in a forthcoming briefing note) regarding, including changes to: the scope of the intake; the timing of the intake; and the type of intake. In addition, a further national priority for this fund has been identified that could promote innovation in mitigating natural disasters. To this end, options are being explored to add consideration of innovation within project assessment and/or selection. (e.g., innovation being a merit criteria) and / or a xxx set aside for innovative projects.

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- [REDACTED]

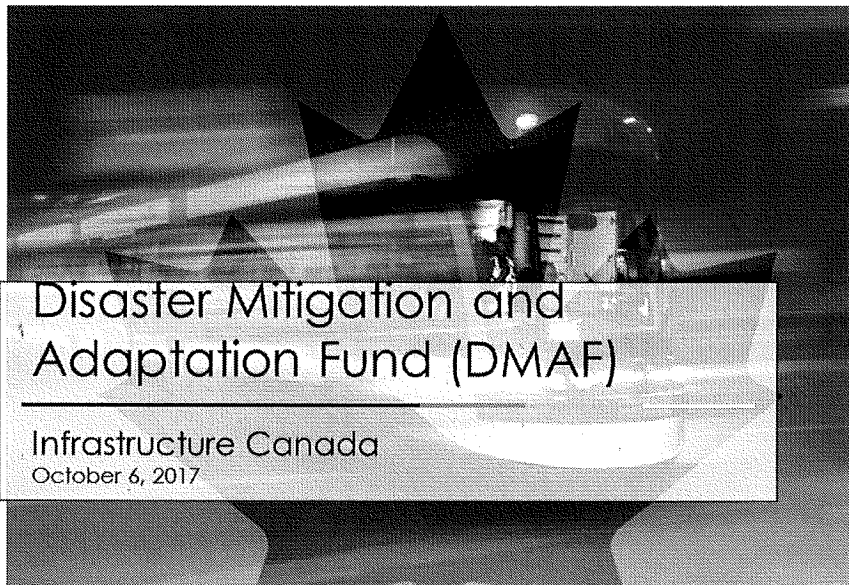
- [REDACTED]
- [REDACTED]
- The first intake is scheduled to close in March 2018. The current timeline should allow projects from the first intake that are within the Minister's delegated authority to receive approval and to announce funding by August 2018. A second intake would follow in fall 2018.
- INFC is working at the officials' level with counterparts from Environment and Climate Change Canada, Public Safety Canada, Natural Resources Canada, and Indigenous and Northern Affairs Canada to leverage their expertise for the development and implementation of the program.
- INFC will be engaging with the Minister's Office to walk through program design and details aimed at ensuring success as they are further developed.

QUESTIONS

[REDACTED]

DECISION POINTS

- Decision points will come through formal documentation (Ex; TB SUB).



Disaster Mitigation and Adaptation Fund (DMAF)

Infrastructure Canada
October 6, 2017

Canada

Objective

- To provide update on status of program development of the Disaster Mitigation and Adaptation Fund (DMAF) and engagement activities
- To seek direction on program design to address issues that may impact the program's early success
- To provide an overview of next steps in preparation for program launch

2


Overview of Program

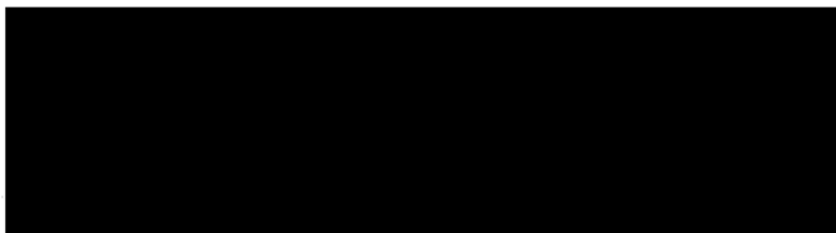
- Budget 2017 earmarked \$2 billion over 10 years to establish DMAF
- Objective of DMAF:
 - Strengthen resiliency of Canadian communities through investments in large-scale infrastructure projects, including natural infrastructure, to better withstand current and future risks such as floods, wildfires and droughts as well as other natural disaster risks, and ensure continuity of service
- National Merit-based program
- Funding open to provincial, territorial and municipal governments, Indigenous communities, and public and private sector organizations
 - Projects must be for public use and benefit

PT and OGD Engagement

- INFC Co-chairing Federal-Provincial-Territorial Working Group with PS
 - Shared high-level information and received helpful feedback
 - [REDACTED]
 - [REDACTED]
- INFC engaging other government departments (including Environment and Climate Change Canada, Public Safety, Natural Resources Canada, Indigenous and Northern Affairs Canada)
 - Federal expertise and experience have helped advance program development and terms and conditions
 - [REDACTED]
 - Work being undertaken to see if bundling of projects (including with non-Indigenous recipients) would allow participation

Program Design - Considerations

- 
- They have high-level ideas for potential projects, but not specific projects, and maybe not eligible (e.g., small-scale projects)
- An early project submission deadline may lead to:

- 

5

National significance: Under DMAF, the selected projects need to demonstrate that they will:

Reduce impacts on critical infrastructure from natural disasters;

Reduce the risk to critical infrastructure that is at high risk;

Reduce high impacts on health and safety of Canadians;

Reduce potential interruptions in essential services to Canadians;

Reduce significant disruptions in economic activity from natural disasters; and

Reduce costs of recovery and replacement (e.g., the Government of Canada's Disaster Financial Assistance Arrangements or DFAA).

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21(1)(a) and 21(1)(b)
of the *Access to Information Act***

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conformément aux dispositions de paragraphe
21(1)(a) et 21(1)(b)
de la *loi sur l'accès à l'information***

Next Steps

- Engage other government departments and provinces and territories on program design details
- Engage Ministers responsible for Emergency Management; INFC will work with PS
- Engage municipalities (through FCM) and Indigenous Groups (working with INAC) on program design
- Come back to you for decisions
- [REDACTED]
- Launch program in 2018 – Could take various forms
- Communications/outreach to disseminate information on the program and to encourage robust proposals

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pursuant to paragraphs
21(1)(a) and 21(1)(b)
of the *Access to Information Act***

**La/les page(s) 64 à 67
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21(1)(a) et 21(1)(b)
de la *loi sur l'accès à l'information***

PROTECTED B**SCENARIO NOTE****Meeting between
Deputy Minister of Infrastructure and Communities and the
Deputy Ministers of Public Safety Canada**

| | |
|--|---|
| Date/Time: | TBD |
| Location: | TBD |
| Subject: | Infrastructure Canada's Disaster Mitigation and Adaptation Program (DMAF) and Public Safety Canada's National Disaster Mitigation Program (NDMP) |
| Participants: | Infrastructure Canada: <ul style="list-style-type: none">• Kelly Gillis, Deputy Minister of Infrastructure and Communities• Marc Fortin, Assistant Deputy Minister Public Safety Canada: <ul style="list-style-type: none">• Malcolm Brown, Deputy Minister• Vincent Rigby, Associate Deputy Minister |
| Departmental Objectives This meeting with Public Safety Canada (PSC) is a good opportunity to: To provide an overview of DMAF; discuss the complementarity between DMAF and PSC's NDMP; [REDACTED] | |
| Stakeholder Objectives [REDACTED] | |
| Context/Overview Budget 2017 earmarked \$2 billion over 10 years to establish DMAF. The objective is to strengthen resilience of Canadian communities through investments in large-scale infrastructure projects, including natural infrastructure, to better withstand current and future risks such as floods, wildfires and droughts as well as other natural disaster risks, and ensure continuity of service. DMAF is a national merit-based program. As per our policy authority, DMAF will only fund large-scale projects over \$20 million in total costs that support building the resilience of infrastructure and natural infrastructure in prevention of or in response to broader types of natural hazards and disasters. The funding is open to provincial, territorial and municipal governments, Indigenous communities, and public and private sector organizations. Any funding must be for projects for public use and benefit. | |

PROTECTED B

[REDACTED] In addition, the PSC Deputies will be fully informed of much of the content of the briefing materials prepared for a future meeting with the Minister on the DMAF; PSC staff have been engaged by INFC to review and comment on several versions of the materials. The Deputies will be looking for updates on the key decision points that may impact the early success of DMAF, which include:

[REDACTED]

The next steps for Program Operations Branch include: engaging other government departments (including PSC) and provinces and territories on program design details; engaging Ministers responsible for Emergency Management through support from PSC; engaging municipalities through Federation of Canadian Municipalities and Indigenous Groups (working with INAC) on program design. [REDACTED]

DMAF and Bundling

INFC is considering the option of allowing projects to be bundled under DMAF. INFC will require that a coherent link across project element be demonstrated; for example, we are considering requiring that bundled projects must respond to the same possible "event" (i.e., flooding event in a watershed, rather than province-wide general flooding events over a year) and that it is critical to the success of the project outcomes that several components be considered together.

Commented [WC1]: Attach the agenda. Not annotated, but agenda.

Then put the talking points for each item in the speaking points. So basically it was just a merge and delete exercise.

Here – these are talking points – "As you know, we have started the discussion with our Minister on the following issues. We had a first discussion and we will continue the dialogue with the Minister.

We will continue engaging too... yadda yadda

You could indicate in the memo that we think at the officials levels, our current assessment is leading us to broad eligibility, two step process, etc.

Complementarity Between DMAF and the National Disaster Mitigation Program (NDMP)

Budget 2014 earmarked \$200 million over five years to establish PSC's National Disaster Mitigation Program (NDMP) as part of the Government's commitment to build safer and more resilient communities. NDMP addresses rising flood risks and costs, and builds the foundation for informed mitigation investments that could reduce, or even negate, the effects of flood events. The available funding is \$42.7 million for 2018-19 and \$56.9 million for 2019-20. The deadline for provinces and territories to submit NDMP proposals to PSC for funding for 2018-2019 is October 31, 2017.

PROTECTED B

The NDMP fills a gap in Canada's ability to effectively mitigate, prepare for, respond to, and recover from, flood-related events by building a body of knowledge on flood risks in Canada, and investing in foundational flood mitigation activities. Knowledge that is up-to-date and accessible will not only help governments, communities and individuals to understand flood risks and employ effective mitigation strategies to reduce the impacts of flooding, but will also further discussions on developing a residential flood insurance market in Canada.

Provincial and territorial governments are eligible for funding under the NDMP. However, provincial and territorial authorities may collaborate with, and redistribute funding to eligible entities, such as municipal or other local governments, public sector bodies, private sector bodies, band councils, international non-government organizations or any combination of these entities.

PSC officials have indicated

Commented [WC2]: Need a talking point for this. Something along the lines of "the DMAF compliments the NDMP by providing support for large-scale infrastructure, that the NDMP doesn't support."

In addition, we should put the line in about the IBAs -

Points to RegisterFederal Family

- I understand ~~o~~ Our officials have been working very closely together and have partnered to have valuable discussions with the provinces and territories (P/Ts) through PSC's well-established FPT working group. Your department's support has been appreciated by ~~our~~ my team.

Commented [WC3]: What did they indicate? If we have nothing, delete this.

Bundling under DMAF

- In response to concerns raised by your department as well as Indigenous and Northern Affairs Canada and Natural Resources Canada, INFC is considering allowing projects to be bundled. ~~INFC has allowed bundling in some of our programs in the past. (which ones?)~~
- Under DMAF my officials want to ensure there are linkages across the bundled projects. For example, we are considering requiring that bundled projects must respond to the same 'possible "event" (i.e., a flooding event in a watershed, rather than province-wide general flooding events over a year) ~~and that it is critical to the success of the project outcomes that several components be considered together.~~
- INFC staff have had some discussions with Indigenous and Northern Affairs Canada as well regarding the infrastructure needs of Indigenous communities and the role of bundling to support those projects. This may include bundling with non-indigenous communities ~~in the same watershed.~~

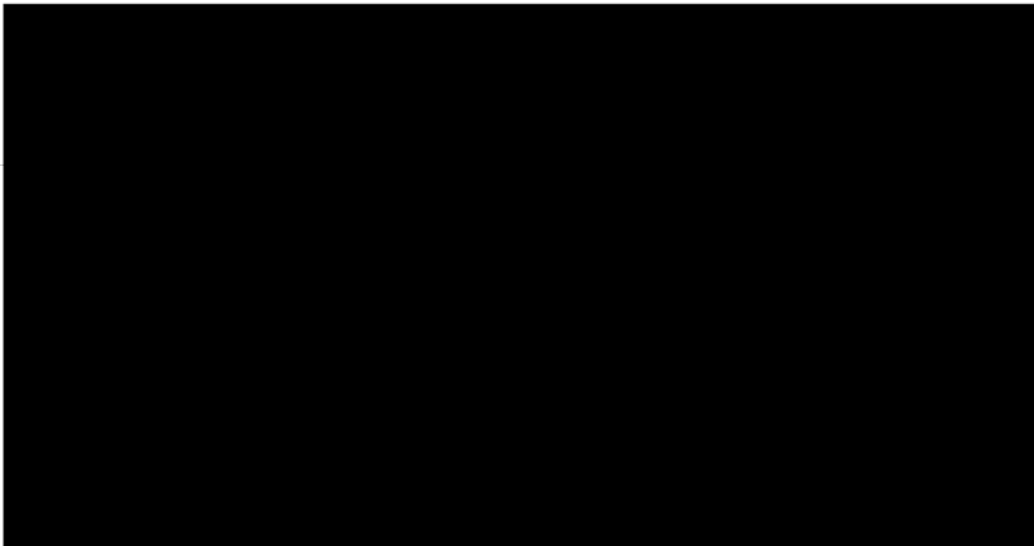
Commented [WC4]: No clue

Responsive, if pressed on Bundling

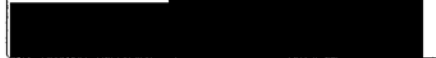
As well, we have discussed the role of bundling to support wildland fire protection projects with NRCan.

Commented [WC5]: Why would this be responsive? I think that we can just put this as a bullet

PROTECTED B



Commented [WC6]:



Disaster Mitigation and Adaptation Fund (DMAF)

PROGRAM OUTLINE

In Budget 2017, the Government of Canada confirmed additional funding for national programs. Over 10 years, Infrastructure Canada (INFC) will manage the \$2 billion Disaster Mitigation and Adaptation Fund to support national, provincial and municipal infrastructure required to deal with the effects of a changing climate. This merit-based national program targets large-scale infrastructure, disaster mitigation and climate adaptation projects, built and natural, primarily for public use or benefit.

The objective of DMAF is to strengthen the resiliency of Canadian communities through investments in large-scale infrastructure projects, including natural infrastructure, to better withstand current and future risks such as floods, wildfires and droughts as well as other natural disaster risks, and ensure continuity of service. It is a merit-based program and funding eligibility is open to municipal, provincial and territorial (MPT) governments, to Indigenous communities, and to public and private sector organizations.

Commented [WAI]: Added new paragraph

Success under DMAF can be defined as mitigating the impacts of significant hazards and natural disasters in Canada and making Canadian communities more resilient to climate change and its impacts. Examples of identified hazards include floods, earthquakes, forest fires, landslides, hurricanes and tropical storms.

INFC is developing the risk assessment and merit criteria for assessing project proposals. Criteria under consideration include: national significance of a project; impact for the funds expended; and mitigation of serious natural disaster risks in Canada. Experts from Public Safety Canada, Environment and Climate Change Canada, Natural Resources Canada and INFC will participate in the federal review committee. Additional details about the program, including timelines, are expected to be released at a later date.

NEXT STEPS FOR PROGRAM

- Finalize Treasury Board Submission and Terms and Conditions
- Conduct Outreach
- Launch Program
- Launch Intake

Investing in Canada Plan

Disaster Mitigation and Adaptation Fund

- Under the Budget 2017 green envelope, Infrastructure Canada (INFC) will administer the \$2 billion Disaster Mitigation and Adaptation Fund (DMAF)
- A ten-year, national merit-based program
- Program terms and conditions are under development
 - being designed to support investments that will mitigate current and future climate-related risks and natural disasters, such as floods, wildfires, droughts, and seismic events by building or reinforcing constructed and natural infrastructure
- Projects that meet eligibility criteria will be assessed and ranked based on merit criteria

1

- Almost every jurisdiction in Canada has experienced significant weather-related or natural disaster events over the past decade. These events can result in threats to health and safety, interruptions in essential services, significant disruptions in economic activity and increasingly high costs for recovery and replacement. Investing in smart, resilient solutions now is paramount.
- The Disaster Mitigation and Adaptation fund (DMAF) has been developed to mitigate the impacts of these significant hazards and natural disasters in Canada and make Canadian communities more resilient to climate change and its impacts.
- Budget 2017 confirmed additional funding for national programs. Infrastructure Canada (INFC) will administer the \$2 billion DMAF. It will be a national merit-based program implemented over a period of ten years. The program terms and conditions are under development :
 - They're being designed to support investments that will mitigate current and future climate-related risks and natural disasters, such as floods, wildfires, droughts, and seismic events by building or reinforcing constructed and natural infrastructure.
 - Projects that meet eligibility criteria will be assessed and ranked based on merit criteria.
 - We are working closely with Public Safety and out provincial and territorial partners on the program. More details will come later this year

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69(1)(g)re(a) and 69(1)(g)re(c)
of the *Access to Information Act***

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conformément aux dispositions de paragraphe
69(1)(g)re(a) et 69(1)(g)re(c)
de la *loi sur l'accès à l'information***

Barton, Linden (INFC)

From: Leblanc2, Pierrette (INFC)
Sent: May-19-17 8:55 AM
To: Westmacott, Chad (INFC); Landry, Eric (INFC)
Subject: RE: Email for Marc re PS list

Looks good to me. No comments.

Cordialement | Regards,

Pierrette LeBlanc

(613) 941-8809 (Bureau/Office)
[REDACTED] (Portable/Mobile)

From: Westmacott, Chad (INFC)
Sent: May 19, 2017 1:12 AM
To: Leblanc2, Pierrette (INFC) <pierrette.leblanc2@canada.ca>; Landry, Eric (INFC) <eric.landry@canada.ca>
Subject: Email for Marc re PS list

Pierrette, Eric,

Below is an email that I promised to Marc regarding DMAF. Could you please review and then I can finalize and Eric can send to Marc

Marc,

As requested, below is some text that you could send to the DM regarding DMAF.

Deputy,






Best,

Marc

Chad Westmacott

Director, Program Operations Branch
Infrastructure Canada / Government of Canada
chad.westmacott@canada.ca / Tel: 613-960-9422


Directeur, Direction générale des opérations
Infrastructure Canada / Gouvernement du Canada
chad.westmacott@canada.ca / Tél: 613-960-9422

Barton, Linden (INFC)

From: Landry, Eric (INFC)
Sent: October-02-17 1:28 PM
To: Fortin3, Marc (INFC)
Cc: Laperle, Linda (INFC); Jobin, Anne-Marie (INFC); Germain, Sylvie (INFC); Landry, Eric (INFC); Westmacott, Chad (INFC); Wheeler, Anna (INFC); Lechasseur, Nathalie (INFC); Montilva, Maria (INFC)
Subject: ADM call on Infrastructure (follow up to Federal ADMs on Wildland Fire) - Debrief

Marc

I participated on a call with NRCan (Glenn Mason) and Public Safety (Patrick Tanguy) this morning as a follow-up to the Conference Call of Federal ADMs on Wildland Fire last Friday.



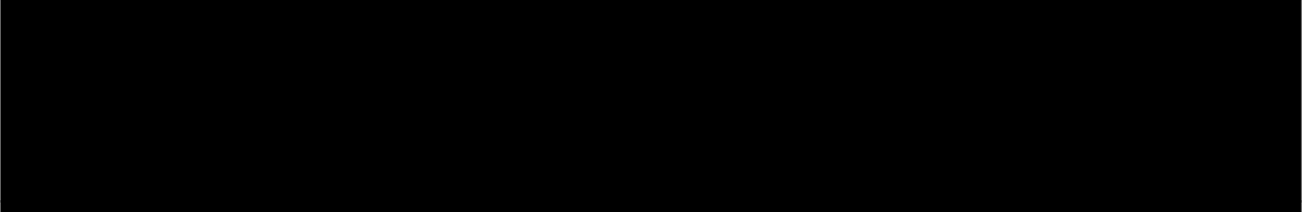
Below is a summary of the ADM call last Friday prepared by Maria

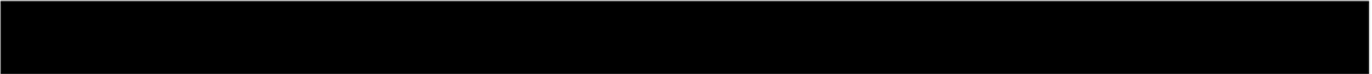
Thanks.

Eric

Conference Call of Federal ADMs on Wildland Fire – Call Summary

- Participating departments (PS, INAC, Parks Canada, ISED, ESDC/Service Canada, National Defence and INFC);
- Absent departments (ECCC and DRDC);

- Wildfires is a national priority, the last wildfires in BC and AB were the most expensive natural disasters for Canada. It is expected that these events would happen more often and would impact larger areas;
- NRCan also leads a federal/provincial tiger team to clarify their funding needs and establish funding priorities;
- A Canadian Wildland Fire Strategy has been developed;
- 

- Each participating department shared activities that could support this program objectives such as (Fire smart for Indigenous communities/INAC; smoke control and air quality index/HC; economic recovery/ISED; training and income sharing/ESDC-Service Canada);
 - The indigenous impacts and opportunities under this strategy are significant (some action happening in SK and MB);
 - INFC provided a high level overview of programs where wildfires mitigation projects may be eligible under the "disaster mitigation" category (i.e. DMAF, IBAs, NBCF, and GTF);
- 

Eric Landry

Director General, North/Atlantic/Ontario Directorate
Infrastructure Canada / Government of Canada
eric.landry@canada.ca / Tel : 613-960-6774

Directeur général, Direction Nord/Atlantique/Ontario
Infrastructure Canada / Gouvernement du Canada
eric.landry@canada.ca / Tél. : 613-960-6774

Wheeler, Anna (INFC)

From: Wheeler, Anna (INFC)
Sent: September 14, 2017 9:27 AM
To: Landry, Eric (INFC); Westmacott, Chad (INFC)
Subject: RE: mino policy tomorrow
Attachments: MINO Verbal Briefing DG Sept 14 2017.docx

Eric,

I welcome your comments / changes.

Anna

Anna Wheeler
Manager, Programs (DMAF) | Gestionnaire, Programmes (DMAF)
Program Operations | Opérations des programmes
Infrastructure Canada
Tel: 613-796-5036

From: Landry, Eric (INFC)
Sent: September 13, 2017 9:33 PM
To: Westmacott, Chad (INFC) <chad.westmacott@canada.ca>; Wheeler, Anna (INFC) <anna.wheeler@canada.ca>
Subject: RE: mino policy tomorrow

Yes

From: Westmacott, Chad (INFC)
Sent: September 13, 2017 8:52 PM
To: Landry, Eric (INFC) <eric.landry@canada.ca>; Wheeler, Anna (INFC) <anna.wheeler@canada.ca>
Cc: Landry, Eric (INFC) <eric.landry@canada.ca>
Subject: Re: mino policy tomorrow

We should mention that we are just finalizing an issues document (updated recently based on discussions with DM and ogd) and that we'll want to come to mino soon (next two weeks) to talk through issues. We should also mention that we want to engage with indig, muni and that we are already engaging at a very high level with some PTs through our joint working group.

Eric, agree?

Chad Westmacott
613-960-9422

From: Landry, Eric (INFC)
Sent: Wednesday, September 13, 2017 8:20 PM
To: Westmacott, Chad (INFC); Wheeler, Anna (INFC)
Cc: Landry, Eric (INFC)
Subject: FW: mino policy tomorrow

Anna

Can you prepare me a few bullets tomorrow am? The briefing is at 1 pm. You should accompany me. Thanks.

Eric

From: Fortin3, Marc (INFC)

Sent: September 13, 2017 8:14 PM

To: El Bied, Kenza (INFC) <kenza.elbied@canada.ca>; Landry, Eric (INFC) <eric.landry@canada.ca>; Desruisseaux, Alain (INFC) <alain.desruisseaux@canada.ca>

Cc: Marcotte, Jolyanne (INFC) <jolyanne.marcotte@canada.ca>; Jobin, Anne-Marie (INFC) <anne-marie.jobin@canada.ca>

Subject: Re: mino policy tomorrow

We can arrange that...

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: El Bied, Kenza (INFC)

Sent: Wednesday, September 13, 2017 8:12 PM

To: Landry, Eric (INFC); Fortin3, Marc (INFC); Desruisseaux, Alain (INFC)

Cc: Marcotte, Jolyanne (INFC)

Subject: mino policy tomorrow

Mino would like to have an update on DMAF (verbal update).

Thanks

**Briefing to Minister's Office on the
Disaster Mitigation and Adaptation Fund (DMAF)
Speaking Points
September 14, 2017**

Current Status:


○

- **Briefing Note for Minister:** Provides options to address issues that may impact the early success of DMAF. Provinces identified these issues:

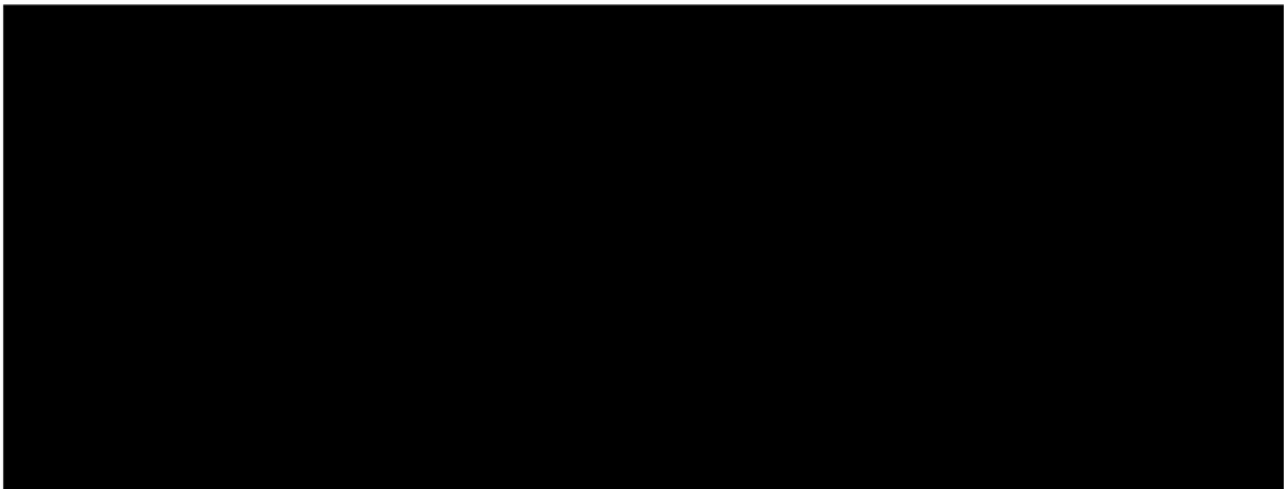
- **F/P/T Call September 8th:**

- **Issues Document:**

- We are also finalizing an issues document which was updated based on recent discussions, including conversations with Deputies in August and with provinces and territories last week.
 - POB would like to return to MINO in the next two weeks to talk through the issues document.
- [If asked, the issues document includes: national significance; regional distribution; P/T preliminary assessments; merit criteria; funding categories; private vs. public infrastructure; project state of readiness; and project bundles.]

- **Engagement:**
 - Provinces and territories: INFC and Public Safety are continuing to engage provincial and territorial governments to identify potential projects they may consider putting forward. PTs emphasized the need to know more about the merit criteria and the scope of DMAF in order to provide useful information about the kinds of eligible projects.
 - Indigenous organizations: Discussions with federal colleagues.
 - Municipalities: We are also working with INFC colleagues to engage municipalities.
- **Timelines:**
 - Week of Sep 25-29: Discussion of options at MIN/DM Retreat.
 - Week of Oct 9-13: Internal consultations.
 - November 14: Ministerial approval.
 - 

Critical Path



Wheeler, Anna (INFC)

From: Westmacott, Chad (INFC)
Sent: September 19, 2017 9:27 PM
To: Landry, Eric (INFC)
Cc: Castellanos, Susana (INFC); Wheeler, Anna (INFC)
Subject: RE: DAC meeting on Friday

And I was thinking that we could use this, or something like this, for Marc's presentation to SOREM next wed. do you agree?

c

From: Westmacott, Chad (INFC)
Sent: September 19, 2017 8:48 PM
To: Landry, Eric (INFC) <eric.landry@canada.ca>
Cc: Castellanos, Susana (INFC) <susana.castellanos@canada.ca>; Wheeler, Anna (INFC) <anna.wheeler@canada.ca>
Subject: FW: DAC meeting on Friday

Eric,

You can find the talking points for DAC at the following link. My thanks to Anna who put this together. Please let us know if this is what you are thinking. I am able to present this, as discussed.

From: Landry, Eric (INFC)
Sent: September 18, 2017 7:43 AM
To: Westmacott, Chad (INFC) <chad.westmacott@canada.ca>
Cc: Wheeler, Anna (INFC) <anna.wheeler@canada.ca>
Subject: Re: DAC meeting on Friday

I would keep it very short (about 5 minutes) and allow more time for Q&As. It would start off with a quick overview of the program, it's objectives, and key elements. I would then indicate that we have policy coverage but that our T&Cs are not yet approved and that we are working with our colleagues in other departments on the program details and that we are reaching out to our PT colleagues. Thanks.

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Westmacott, Chad (INFC)
Sent: Monday, September 18, 2017 6:53 AM
To: Landry, Eric (INFC)
Cc: Wheeler, Anna (INFC)
Subject: Re: DAC meeting on Friday

Agreed, but you are okay to mention? And do you know - we have 15 min - I assume that some of that should be for Q&A?

Chad Westmacott

613-960-9422


From: Landry, Eric (INFC)
Sent: Monday, September 18, 2017 5:46 AM
To: Westmacott, Chad (INFC)
Cc: Wheeler, Anna (INFC)
Subject: Re: DAC meeting on Friday


I would keep issues we are working through at a very high level. Thanks.

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Westmacott, Chad (INFC)
Sent: Sunday, September 17, 2017 11:11 PM
To: Landry, Eric (INFC)
Cc: Wheeler, Anna (INFC)
Subject: DAC meeting on Friday

Eric,

My team will put together some bullet points for me to discuss DMAF at DAC, but I wanted to get your view. 



Assuming there is, I proposed that we address the following three points for DAC:

1. Overview of program so far
2. What we have done and what we think the program will look like; issues we are working through
3. Next steps.

Do you agree? If so, we'll develop talking points for me based on this.

Best,

Chad

Chad Westmacott

Director, Program Operations Branch
Infrastructure Canada / Government of Canada
chad.westmacott@canada.ca / Tel: 613-960-9422

Directeur, Direction générale des opérations
Infrastructure Canada / Gouvernement du Canada
chad.westmacott@canada.ca / Tél: 613-960-9422

Briefing to Senior Officials Responsible for Emergency Management (SOREM)
on the Disaster Mitigation and Adaptation Fund (DMAF)

Speaking Points

September 27, 2017

- Thank you for inviting me to speak to you on the Disaster Mitigation and Adaptation fund (DMAF).
- The purpose today is to provide you with an overview of DMAF, the objectives, and the key elements. I will be brief as I would like to leave time for a discuss.

OVERVIEW OF DMAF:

- As you know, almost every jurisdiction in Canada has experienced significant weather-related or natural disaster events over the past decade. These events can result in threats to health and safety, interruptions in essential services, significant disruptions in economic activity and increasingly high costs for recovery and replacement. Investing in smart, resilient solutions now is paramount.
- DMAF has been designed to mitigate the impacts of these significant hazards and natural disasters in Canada and make Canadian communities more resilient to climate change and its impacts.



- Budget 2017 earmarked \$2 billion over 10 years to establish the DMAF under the green envelope. Infrastructure Canada will administer the \$2 billion program as a ten-year, national merit-based program.

OBJECTIVES OF DMAF

- The objective of DMAF is to strengthen the resiliency of Canadian communities through investments in large-scale infrastructure projects, including natural infrastructure, to better withstand current and future risks such as floods, wildfires and droughts as well as other natural disaster risks, and ensure continuity of service.


KEY ELEMENTS OF DMAF

- I want to turn now to the key elements of DMAF.
- First, Infrastructure Canada is currently working on program design for the DMAF and will be seeking our authorities in the coming months. The program launch and first intake announcement would follow finalization and approval of program design. More details will come later this year.
- Second, DMAF is a merit-based program and funding eligibility is open to provincial, territorial and municipal (PTM) governments, to indigenous communities, and to public and private sector organizations.

- Third, Infrastructure Canada is developing the risk assessment and merit criteria for assessing project proposals. Criteria under consideration include:
 - national significance of a project¹;
 - impact for the funds expended; and
 - mitigation of serious natural disaster risks in Canada.
 - Fourth, as I mentioned earlier, eligible investments include the construction or enhancement of natural infrastructure for the purpose of delivering infrastructure services to adapt or mitigate the impacts of natural hazards or climate change. Natural infrastructure can be a cost-effective alternative to grey or traditional infrastructure.
 - Fifth, program approvals: Given the merit-based nature of the program, projects will be assessed on merit criteria 
- 

¹ For information: Under projects of “national significance”, here is a list of items that would probably be eligible:

1. Large scale infrastructure projects;
2. Projects of national significance, meaning that the selected projects need to demonstrate that they will:
 - Reduce impacts on critical infrastructure from natural disasters
 - Reduce the critical infrastructure that is at high risk
 - Reduce high impacts on health and safety of Canadians
 - Reduce potential for interruptions in essential services to Canadians
 - Reduce significant disruptions in economic activity from natural disasters
 - i. Reduce costs of recovery and replacement (e.g. Government of Canada’s Disaster Financial Assistance Arrangements or DFAA)

- 
- Sixth, we have been engaging key partners on key outstanding issues and program design.
 - Provinces and territories: INFC and Public Safety are continuing to engage provincial and territorial governments to identify potential projects they may consider putting forward. We are doing this through a working group of the SOREM. We have heard the need to know more about the merit criteria and the scope of DMAF in order to provide useful information about the kinds of eligible projects; we are working to be able to provide more information.
 - We will also be looking to engage Indigenous organizations and municipalities.

NEXT STEPS FOR PROGRAM

- Finally, our next steps include:
 - Finalizing the program design
 - Continuing to conduct outreach
 - Launching the program
 - Launching the first call for proposals.

I welcome questions from you.

Investing in Canada Plan

Disaster Mitigation and Adaptation Fund

- Under the Budget 2017 green envelope, Infrastructure Canada (INFC) will administer the \$2 billion Disaster Mitigation and Adaptation Fund (DMAF)
- A ten-year, national merit-based program
- Program terms and conditions are under development
 - being designed to support investments that will mitigate current and future climate-related risks and natural disasters, such as floods, wildfires, droughts, and seismic events by building or reinforcing constructed and natural infrastructure
- Projects that meet eligibility criteria will be assessed and ranked based on merit criteria

1

- Budget 2017 confirmed additional funding for national programs. Infrastructure Canada (INFC) will administer the \$2 billion Disaster Mitigation and Adaptation Fund (DMAF).
- The DMAF will be a national merit-based program, to be implemented over a period of ten years. Program terms and conditions are under development :
 - They're being designed to support investments that will mitigate current and future climate-related risks and natural disasters, such as floods, wildfires, droughts, and seismic events by building or reinforcing constructed and natural infrastructure
- Projects that meet eligibility criteria will be assessed and ranked based on merit criteria
- The program launch and first intake announcement would follow finalization and approval of program design – more details to come later this year
- INFC is co-chairing with Public Safety Canada the FPT DMAF Working Group. Several of your respective governments have representatives on the working group (AB, BC, MB, ON, PE, QC, SK). Anyone interested in receiving more information please contact Chad Westmacott. While discussions have mostly been through this group, INFC has also raised the DMAF with your officials in discussions on the Integrated Bilateral Agreements.

Wheeler, Anna (INFC)

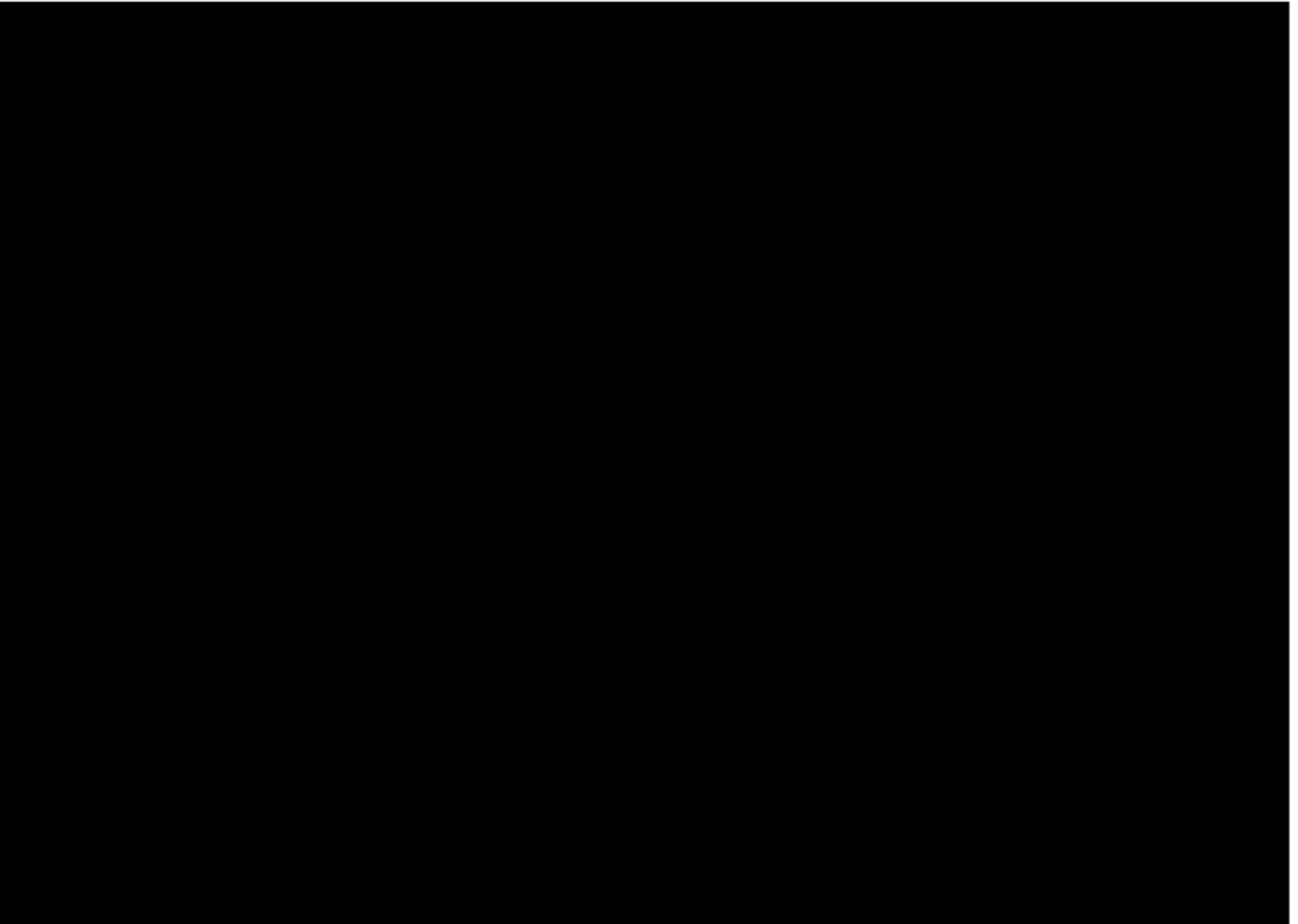
From: Landry, Eric (INFC)
Sent: October 7, 2017 3:57 PM
To: Westmacott, Chad (INFC)
Cc: Landry, Eric (INFC); Wheeler, Anna (INFC)
Subject: DMAF - Summary of Direction Provided by Minister and Next Steps

Chad/Anna

See below for summary of direction provided by the Minister (and MINO) on DMAF at the briefing with the Minister yesterday and next steps. Thanks.


Eric

Summary of Direction



Next Steps





From: Westmacott, Chad (INFC)

Sent: October 5, 2017 5:51 PM

To: Landry, Eric (INFC) <eric.landry@canada.ca>; Lapointe, Martine (INFC) <martine.lapointe@canada.ca>

Subject: Fw: Revised dmaf deck for MIN-DM

See the deck attached.

Best,

Chad

Chad Westmacott

613-960-9422

From: Westmacott, Chad (INFC) <chad.westmacott@canada.ca>

Sent: Thursday, October 5, 2017 9:29 AM

To: Jobin, Anne-Marie (INFC)

Cc: Landry, Eric (INFC); Wheeler, Anna (INFC)

Subject: Revised dmaf deck for MIN-DM

AMJ,

Here is the revised deck to address marc's comments.

Best,

Chad

Chad Westmacott

Director, Program Operations Branch

Infrastructure Canada / Government of Canada

chad.westmacott@canada.ca / Tel: 613-960-9422

Directeur, Direction générale des opérations

Infrastructure Canada / Gouvernement du Canada

chad.westmacott@canada.ca / Tél: 613-960-9422

Wheeler, Anna (INFC)

From: Westmacott, Chad (INFC)
Sent: September 21, 2017 9:50 AM
To: Landry, Éric (INFC)
Cc: Wheeler, Anna (INFC); Castellanos, Susana (INFC)
Subject: FW: URGENT: FOR ACTION: Transition material for new DM
Attachments: ToFC 2 - INFC (Calendar and Key Decisions).docx; [REDACTED]
 [REDACTED] KEY DECISIONS ONE-PAGERS_DMAF Decisions Sept 21 v1
 cw.docx

Importance: High

Eric,

See attached – changes to TOC and two key decision one-pagers. we didn't add anything to the calendars as I didn't see any spot for "key decisions" only briefings, etc. I didn't put in any briefings, because I wasn't sure that was our responsibility. If so, I am happy to add.

Best,

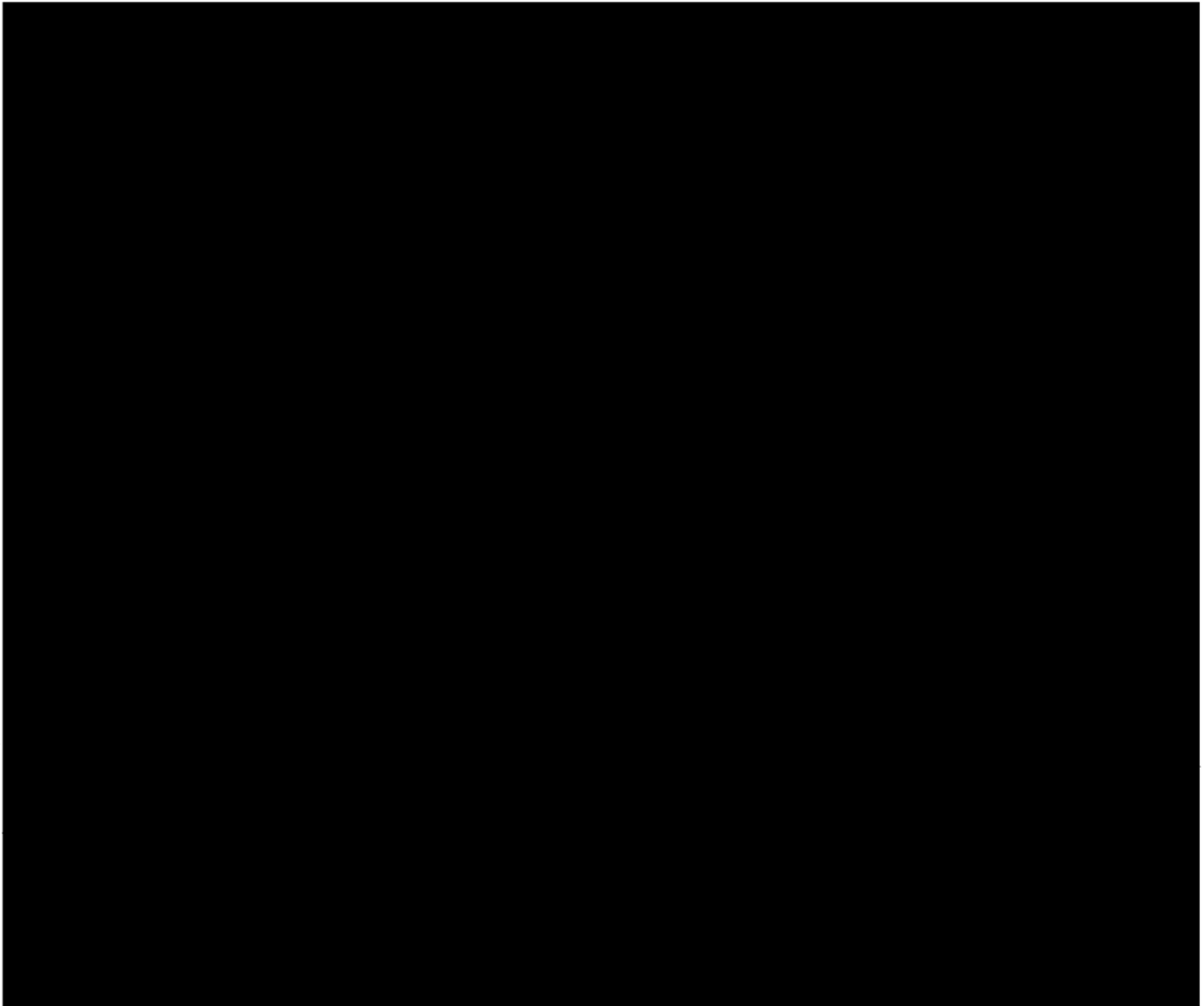
Chad

From: Landry, Eric (INFC)
Sent: September 19, 2017 1:15 PM
To: Swedlove, Rebecca (INFC) <rebecca.swedlove@canada.ca>; Westmacott, Chad (INFC) <chad.westmacott@canada.ca>
Subject: FW: URGENT: FOR ACTION: Transition material for new DM
Importance: High

From: Jobin, Anne-Marie (INFC)
Sent: September 19, 2017 1:14 PM
To: Landry, Eric (INFC) <eric.landry@canada.ca>; Di Paolo, Laura (INFC) <laura.dipaolo@canada.ca>; Lechasseur, Nathalie (INFC) <nathalie.lechasseur@canada.ca>; Bossé, Natalie (INFC) <natalie.bosse@canada.ca>
Cc: Castellanos, Susana (INFC) <susana.castellanos@canada.ca>; Bégin, Véronique (INFC) <veronique.begin@canada.ca>; Laperle, Linda (INFC) <linda.laperle@canada.ca>; Germain, Sylvie (INFC) <sylvie.germain@canada.ca>; Louis2, Anne-Marie (INFC) <anne-marie.louis2@canada.ca>; Guertin, Josée (INFC) <josee.guertin@canada.ca>; Cyr, Valerie (INFC) <valerie.cyr@canada.ca>; Reynolds3, Michael (INFC) <michael.reynolds3@canada.ca>; Doyon2, Frédéric (INFC) <frederic.doyon2@canada.ca>
Subject: URGENT: FOR ACTION: Transition material for new DM
Importance: High

Hi all-

The additional request for DM transition material is below. **My suggestions are in red- please review and add anything else. Material due to ADMO by 2pm Thursday at the latest please- in one email.**



From: Bédard, Rachelle (INFC)

Sent: September 19, 2017 11:39 AM

To: Carrière4, Julie (INFC) <julie.carriere4@canada.ca>; Grover, Shawn (INFC) <shawn.grover@canada.ca>; Kuhn, Steven (INFC) <steven.kuhn@canada.ca>; Dubé, Rosanne (INFC) <rosanne.dube@canada.ca>; Eronat, Leah (INFC) <leah.eronat@canada.ca>; INFC.O CS.ADMO.Users/Utilisateurs.SM.BSMA O.INFC <INFC.CS.ADMO.Users-Utilisateurs.SM.BSMA.INFC@canada.ca>; Brisson, Anick (INFC) <anick.brisson@canada.ca>; INFC.O PC.ADMO.Users/Utilisateurs.PC.BSMA O.INFC <INFC.PC.ADMO.Users-Utilisateurs.PC.BSMA.INFC@canada.ca>; Paterson, Tracey (INFC) <tracey.paterson@canada.ca>; Pettipas, José (INFC) <jose.pettipas@canada.ca>; Germain, Sylvie (INFC) <sylvie.germain@canada.ca>; Jobin, Anne-Marie (INFC) <anne-marie.jobin@canada.ca>; Laperle, Linda (INFC) <linda.laperle@canada.ca>; Peets, Gerard (INFC) <gerard.peets@canada.ca>; Westfield, Chris (INFC) <chris.westfield@canada.ca>; MacMillan, Sharon (INFC) <sharon.macmillan@canada.ca>; Marchildon, Caroline (INFC) <caroline.marchildon@canada.ca>; Powroz, Jen (INFC) <jen.powroz@canada.ca>; Smith5, Richard (INFC) <richard.smith5@canada.ca>; Wallace, Peter (INFC) <peter.wallace@canada.ca>; Wronski, Michael (INFC) <michael.wronski@canada.ca>; Thibedeau, Russell (INFC) <russell.thibedeau@canada.ca>; Trépanier, Isabelle (INFC) <isabelle.trepanier@canada.ca>

Cc: Dwivedi, Garima (INFC) <garima.dwivedi@canada.ca>; Fenrich, Julia (INFC) <julia.fenrich@canada.ca>; Mahdi, Nastassia (INFC) <nastassia.mahdi@canada.ca>

Subject: FOR ACTION: Transition material for new DM

Importance: High

Bonjour!

We are coordinating the production of material for the new Deputy Minister which we are aiming to provide this Friday afternoon. As such we will require your input by noon, Friday, September 22, 2017 at the absolute latest.

The aim of this material is to ensure that our new DM is not only well informed of INFC files but knows exactly what is coming her way in her first 100 days or so. We ask that you populate the attached documents following these directives:

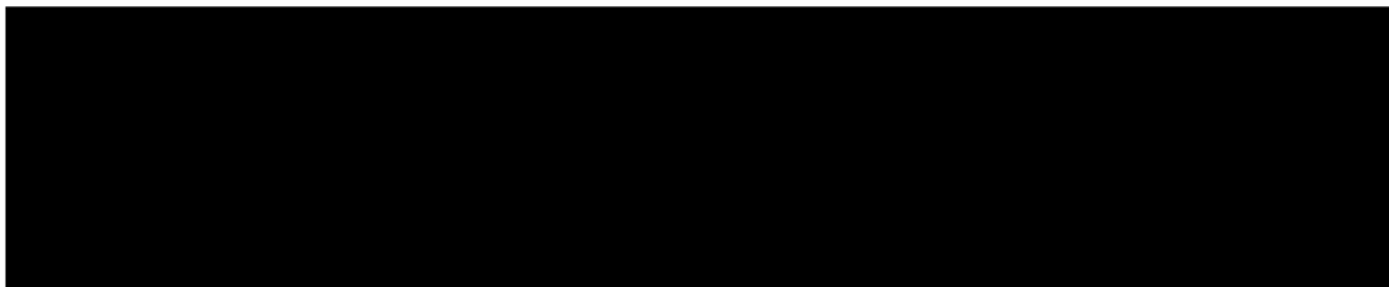


Table of Contents

Key Decision Template

Calendars

Please do not hesitate to contact me if you have any questions or concerns.

Merci!

Rachelle Bédard

Manager (Parliamentary Affairs and Portfolio Coordination), Corporate Services
Infrastructure Canada / Government of Canada
rachelle.bedard@canada.ca / Tel: 613-948-2686 / BB : 613-220-5468

Gestionnaire (Affaires parlementaires et Coordination du portefeuille), Services ministériels
Infrastructure Canada / Gouvernement du Canada
rachelle.bedard@canada.ca / Tél. : 613-948-2686 / BB : 613-220-5468



INFRASTRUCTURE CANADA: FIRST 100 DAYS - KEY DATES and ISSUES

A. First Week (September 25 – September 30)

Calendar

- Parliamentary/Cabinet
- Communications/Announcements
- MIN/DM Meetings, Briefings and Travel

Key Decisions

- XxxDisaster Mitigation and Adaptation Fund intake and scope direction
- Yyy
- Zzz

B. Month of October 2017

Calendar

- Parliamentary/Cabinet
- Communications/Announcements
- MIN/DM Meetings, Briefings and Travel

Key Decisions

- Xxx
- Yyy
- Zzz

C. Months of November and December 2017

Calendar

- Parliamentary/Cabinet
- Communications/Announcements
- MIN/DM Meetings, Briefings and Travel

Key Decisions

- [REDACTED] Xxx
- Yyy
- Zzz

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69(1)(g)re(a) and 69(1)(g)re(c)
of the *Access to Information Act***

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conformément aux dispositions de paragraphe
69(1)(g)re(a) et 69(1)(g)re(c)
de la *loi sur l'accès à l'information***

DIRECTION ON INTAKE FOR DISASTER MITIGATION AND ADAPTATION FUND

Title/Issue: Decisions on direction and potential policy change to increase success in the implementation of the Disaster Mitigation and Adaptation Fund (DMAF)

Decision Required by: September 28, 2017

Rationale: Decisions on direction and potential policy change are needed [REDACTED]

Overview/Context:

Budget 2017 has earmarked \$2 billion over 10 years to establish the DMAF. The objective of DMAF is to strengthen the resiliency of Canadian communities through investments in large-scale infrastructure projects, including natural infrastructure, to better withstand current and future risks such as floods, wildfires and droughts as well as other natural disaster risks, and ensure continuity of service. It is a merit-based program and funding eligibility is open to provincial, territorial and municipal (PTM) governments, to indigenous communities, and to public and private sector organizations (where there is public use and benefit).

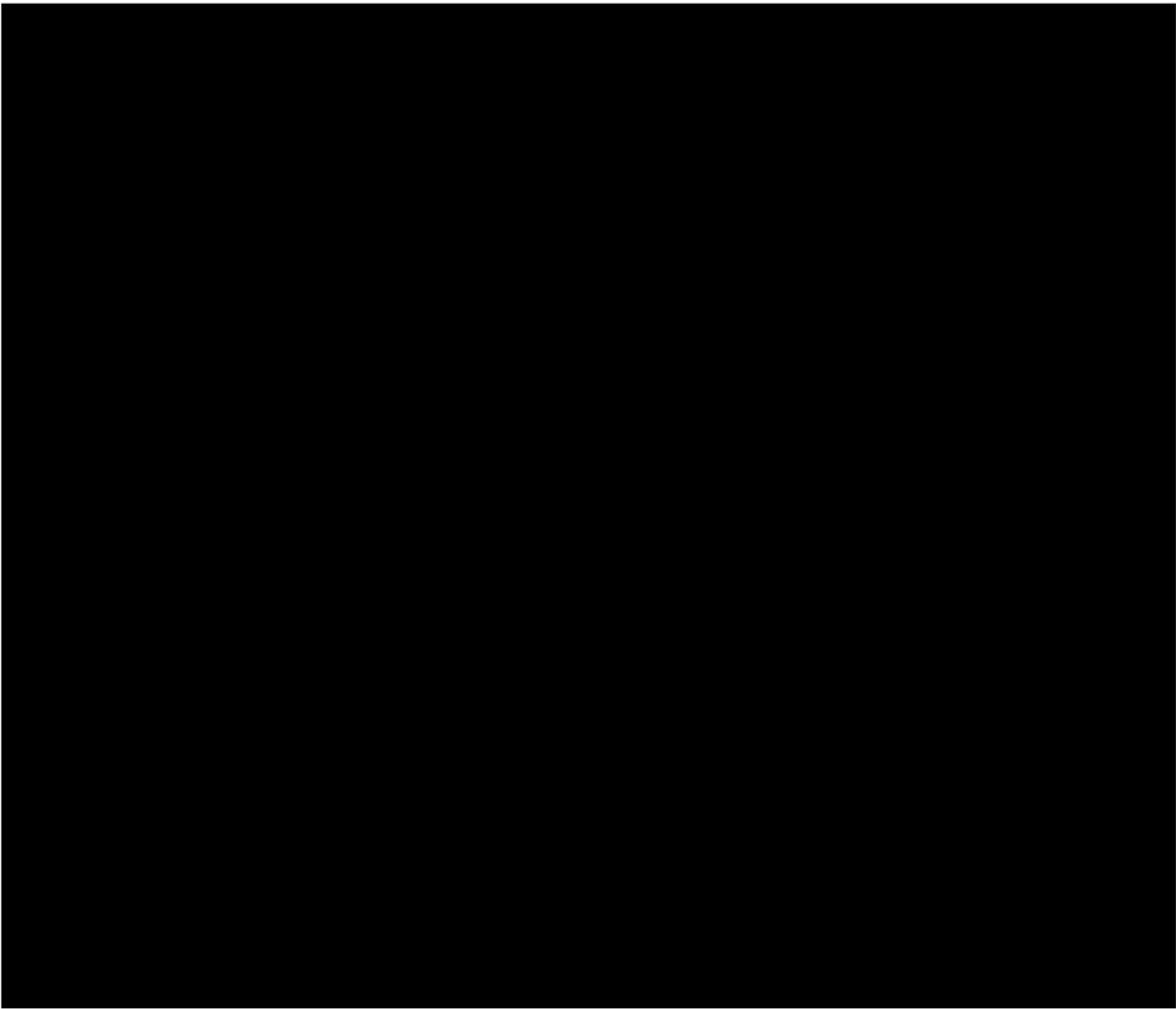
[REDACTED]

Barton, Linden (INFC)

From: Westmacott, Chad (INFC)
Sent: July-25-17 5:58 PM
To: Jobin, Anne-Marie (INFC); Di Paolo, Laura (INFC)
Cc: Castellanos, Susana (INFC); Sierra, Monica Alejandra (INFC); Soler, Roger (INFC); Landry, Eric (INFC); Leblanc2, Pierrette (INFC); Germain, Sylvie (INFC)
Subject: RE: MINO R: DMAF

AMJ,

Following our discussions today, please use the following text (I have made it clean, previous version is still below; I softened the climate lens language until we can discuss further – I called policy and they couldn't really answer either):



From: Westmacott, Chad (INFC)

Sent: July 25, 2017 12:56 AM

To: Jobin, Anne-Marie (INFC) <anne-marie.jobin@canada.ca>; Di Paolo, Laura (INFC) <laura.dipaolo@canada.ca>

Cc: Castellanos, Susana (INFC) <susana.castellanos@canada.ca>; Sierra, Monica Alejandra (INFC) <monicaalejandra.sierra@canada.ca>; Soler, Roger (INFC) <roger.soler@canada.ca>; Landry, Eric (INFC) <eric.landry@canada.ca>; Leblanc2, Pierrette (INFC) <pierrette.leblanc2@canada.ca>; Germain, Sylvie (INFC) <sylvie.germain@canada.ca>

Subject: RE: MINO R: DMAF

AMJ and Laura,


I have responded to the comments/questions below (my text is underlined), for your consideration.



Chad

From: Jobin, Anne-Marie (INFC)
Sent: July 24, 2017 5:48 PM
To: Westmacott, Chad (INFC) <chad.westmacott@canada.ca>
Cc: Castellanos, Susana (INFC) <susana.castellanos@canada.ca>; Sierra, Monica Alejandra (INFC) <monicaalejandra.sierra@canada.ca>; Soler, Roger (INFC) <roger.soler@canada.ca>; Landry, Eric (INFC) <eric.landry@canada.ca>; Leblanc2, Pierrette (INFC) <pierrette.leblanc2@canada.ca>; Germain, Sylvie (INFC) <sylvie.germain@canada.ca>
Subject: FW: MINO R: DMAF

Bonjour Chad,


I asked Laura to review quickly as 
Please see below her edits.

Let me know if you agree and I'll send to DMO (tomorrow).

Thanks
Anne-Marie

From: Westmacott, Chad (INFC)
Sent: July 24, 2017 2:35 PM
To: Jobin, Anne-Marie (INFC) <anne-marie.jobin@canada.ca>
Cc: Castellanos, Susana (INFC) <susana.castellanos@canada.ca>; Sierra, Monica Alejandra (INFC) <monicaalejandra.sierra@canada.ca>; Soler, Roger (INFC) <roger.soler@canada.ca>; Landry, Eric (INFC) <eric.landry@canada.ca>; Leblanc2, Pierrette (INFC) <pierrette.leblanc2@canada.ca>; Germain, Sylvie (INFC) <sylvie.germain@canada.ca>
Subject: RE: MINO R: DMAF

Anne-Marie, please see the responses below. POB (Pierrette) worked with Policy on these responses.



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21(1)(a), 21(1)(b) and 69(1)(g)re(a)
of the *Access to Information Act***

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conformément aux dispositions de paragraphe
21(1)(a), 21(1)(b) et 69(1)(g)re(a)
de la *loi sur l'accès à l'information***



Best,

Chad

From: Jobin, Anne-Marie (INFC)

Sent: July-20-17 9:58 AM

To: Landry, Eric (INFC) <eric.landry@canada.ca>

Cc: Westmacott, Chad (INFC) <chad.westmacott@canada.ca>; Soler, Roger (INFC) <roger.soler@canada.ca>; Castellanos, Susana (INFC) <susana.castellanos@canada.ca>; Laperle, Linda (INFC) <linda.laperle@canada.ca>; Germain, Sylvie (INFC) <sylvie.germain@canada.ca>; Sierra, Monica Alejandra (INFC) <monicaalejandra.sierra@canada.ca>

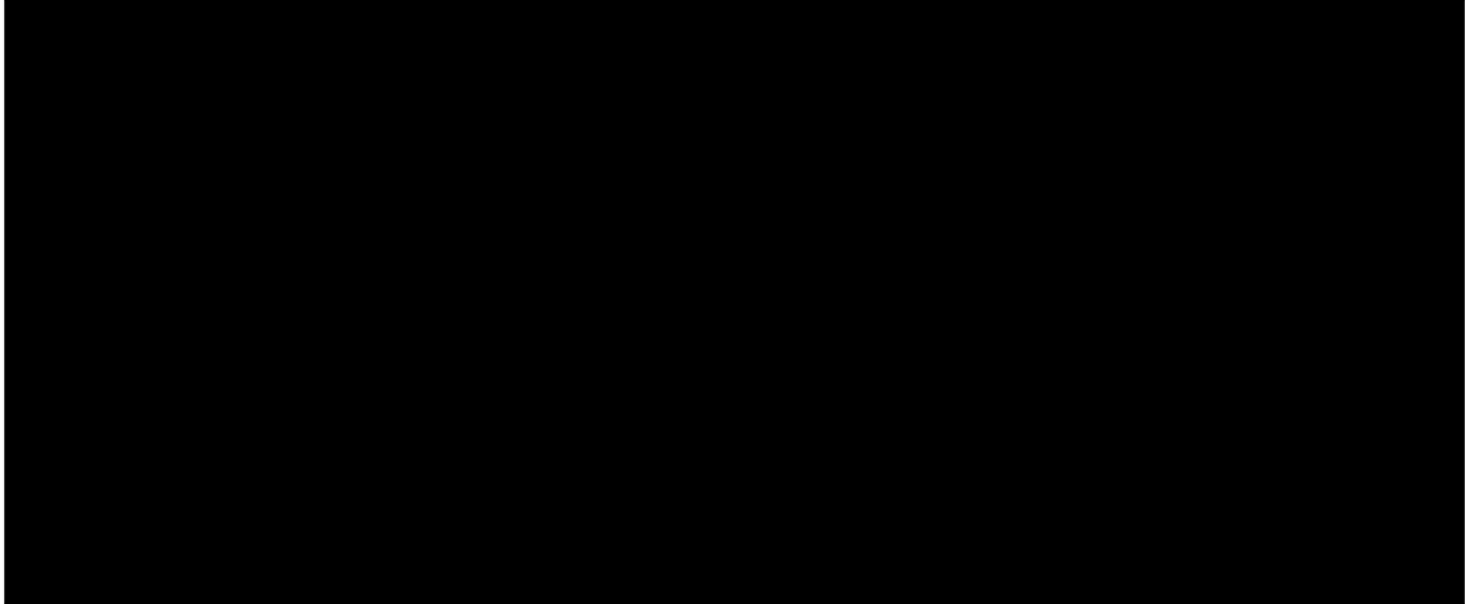
Subject: MINO R: DMAF

Bonjour Eric,

Please see questions from Mino below. Due by COB Monday 24th.

Merci!

Anne-Marie



Could we please get answers to these by COB Monday July 24?

Barton, Linden (INFC)

From: Leblanc2, Pierrette (INFC)
Sent: August-18-17 3:08 PM
To: Westmacott, Chad (INFC); Wheeler, Anna (INFC)
Cc: Landry, Eric (INFC)
Subject: Memo to Minister
Attachments: Annex A.docx; BN Min DMAF V 2.doc

Follow Up Flag: Follow up
Flag Status: Completed

Hi,

I have gone through the Memo to the Minister in detail today, to get a better understanding of the new direction being proposed for the DMAF, and to provide you with specific considerations. My goal is not to object to new ideas and directions for this program, but to provide you with as much information as possible in making these important decisions.

My comments are in the documents attached.

I also want to point out that these decisions may impact:



Hope this is helpful.

Pierrette

PROTECTED B

BRIEFING NOTE TO THE MINISTER

OPTIONS TO INCREASE SUCCESS IN THE IMPLEMENTATION OF THE
DISASTER MITIGATION AND ADAPTATION FUND

(For Information)

ISSUE

- To provide options to address issues that may impact the early success of the Disaster Mitigation and Adaptation Fund (DMAF).

BACKGROUND

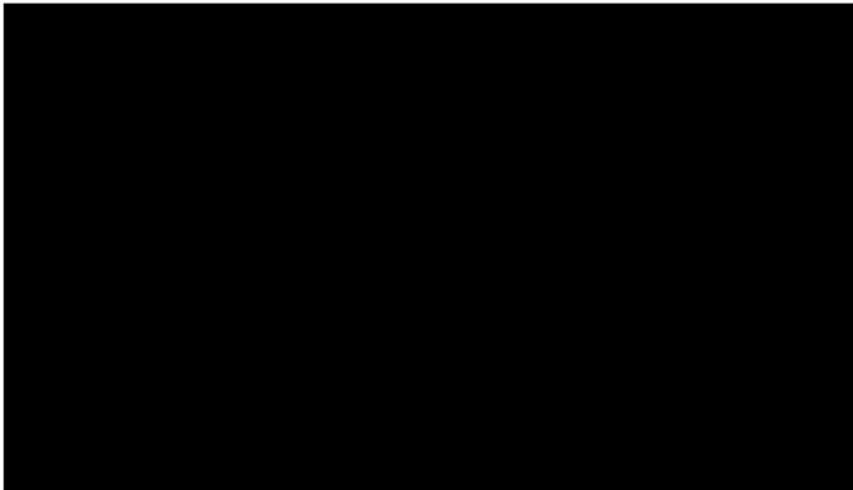
- In recognition of increasing risks and costs due to more extreme climate events in Canada, Budget 2017 has earmarked \$2 billion over 10 years to establish DMAF. This merit-based national program targets large-scale infrastructure, disaster mitigation and climate adaptation projects, built and natural, primarily for public use or benefit.
- Success under DMAF can be defined as mitigating the impacts of significant hazards and natural disasters in Canada and making Canadian communities more resilient to climate change and its impacts. Examples of identified hazards include floods, earthquakes, forest fires, landslides, hurricanes and tropical storms.
- [REDACTED]
- [REDACTED]
- INFC is developing the risk assessment and merit criteria for assessing project proposals. Criteria under consideration include: national significance of a project; biggest impact for the funds expended; and mitigation of serious natural disaster risks in Canada.

CONSIDERATIONS

- [REDACTED]

PROTECTED B

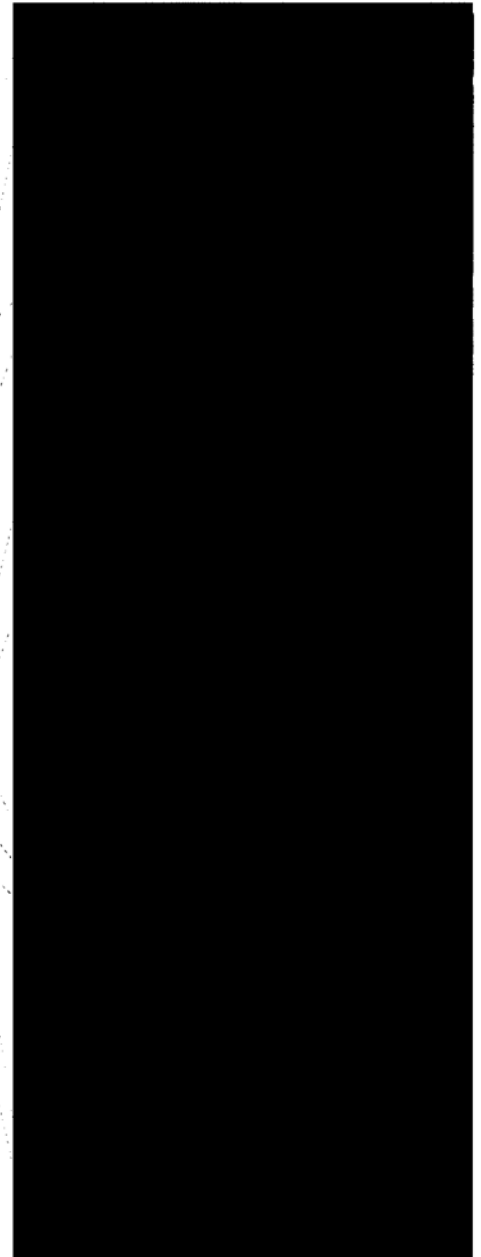
- INFC and PS have started engaging PTs in order to identify potential projects they may consider putting forward. This information will assist in further developing the program Terms and Conditions (T&Cs). INFC and PS have also been working collaboratively to ensure alignment between PS's National Disaster Mitigation Program and DMAF.



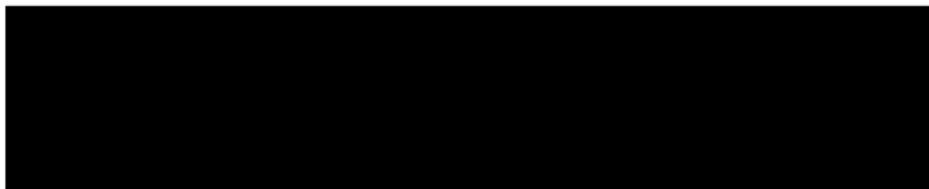
- These issues may impact the early success of DMAF. INFC has been examining alternative approaches that could enable more strategic investments to be made and that address the issues identified above while keeping the focus on the merit-based approach.

NEXT STEPS

- I would be available to discuss the issues and options with you. In the meantime, my staff continue to work with other government departments to get information to proceed with the options.



PROTECTED B



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| | |
| Jean-François Tremblay Deputy Minister Infrastructure and Communities | Date |

Attachment:

Annex A - Options

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of the *Access to Information Act***

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conformément aux dispositions de paragraphe
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de la *loi sur l'accès à l'information***